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PPAP Package for:
Newark Electronics
82Y8193
(TE Connectivity Part Number: 2035363-4)
27/Mar/2019

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Nondisclosure Agreement

If a nondisclosure agreement has been reached with your company, it will be included on the following page(s). Please review the terms of this agreement to ensure that further actions associated with information contained within this PPAP package do not violate these terms.

If a nondisclosure agreement HAS NOT been reached, certain documents deemed confidential by TE Connectivity will not be included in this PPAP package. These documents include but are not limited to the Design FMEA, the Process Flow Diagram, the Process FMEA and the Control Plan. These documents can be reviewed by you company but cannot be retained.



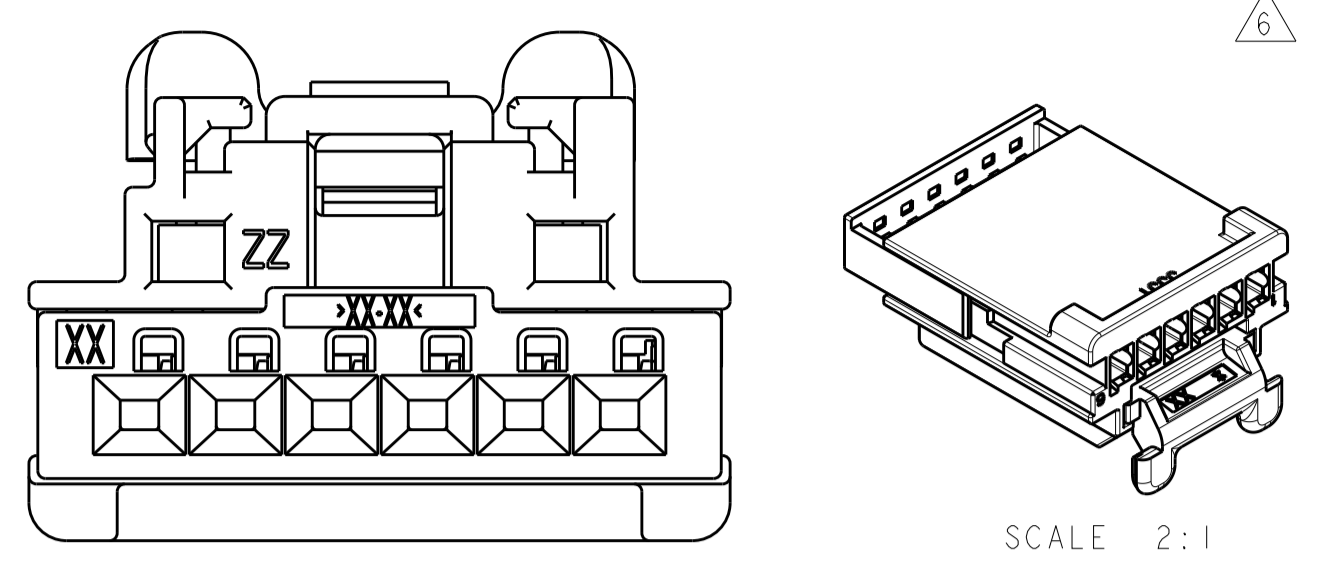
Section 1

Design Records

REVISIONS				
P.	LTN	DESCRIPTION	DATE	OWN APVD
B1		REVISED PER ECO-15-011565	21AUG2015	DLD DCM
B2		REVISED PER ECO-17-009179	23JUN2017	DLD DCM
B3		REVISED PER ECO-18-009918	26JUN2018	JMS CM
B4		REVISED PER ECO-18-013902	31AUG2018	JMS CM

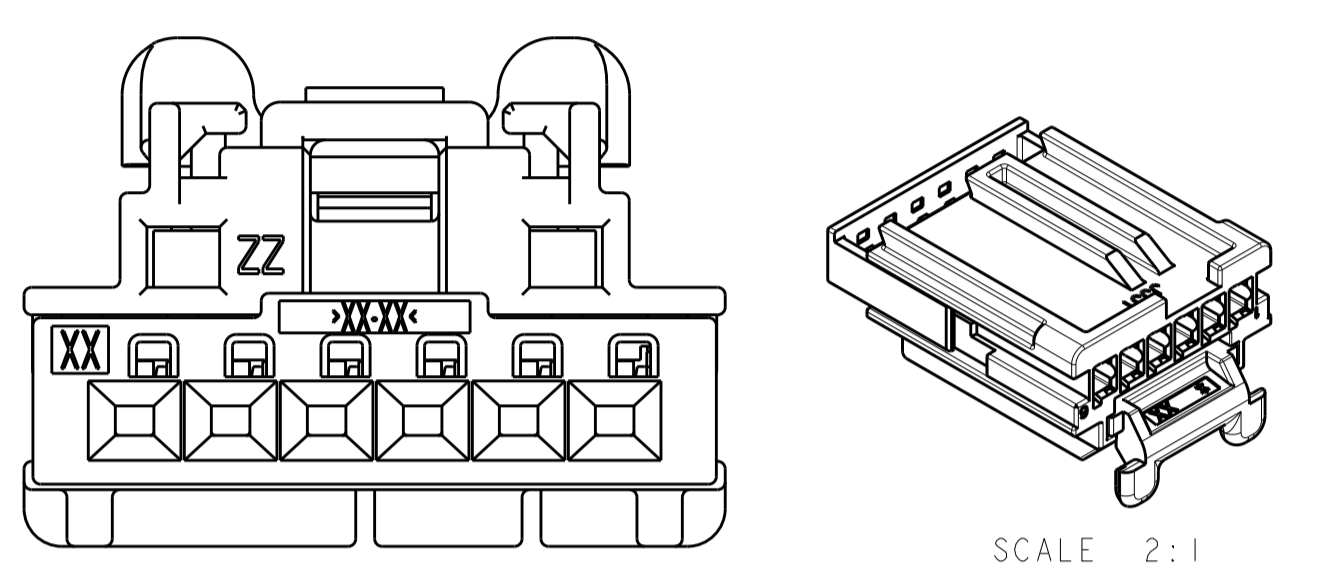
KEYING OPTIONS
(SHOWN WITH CPA)

KEYING OPTION: B



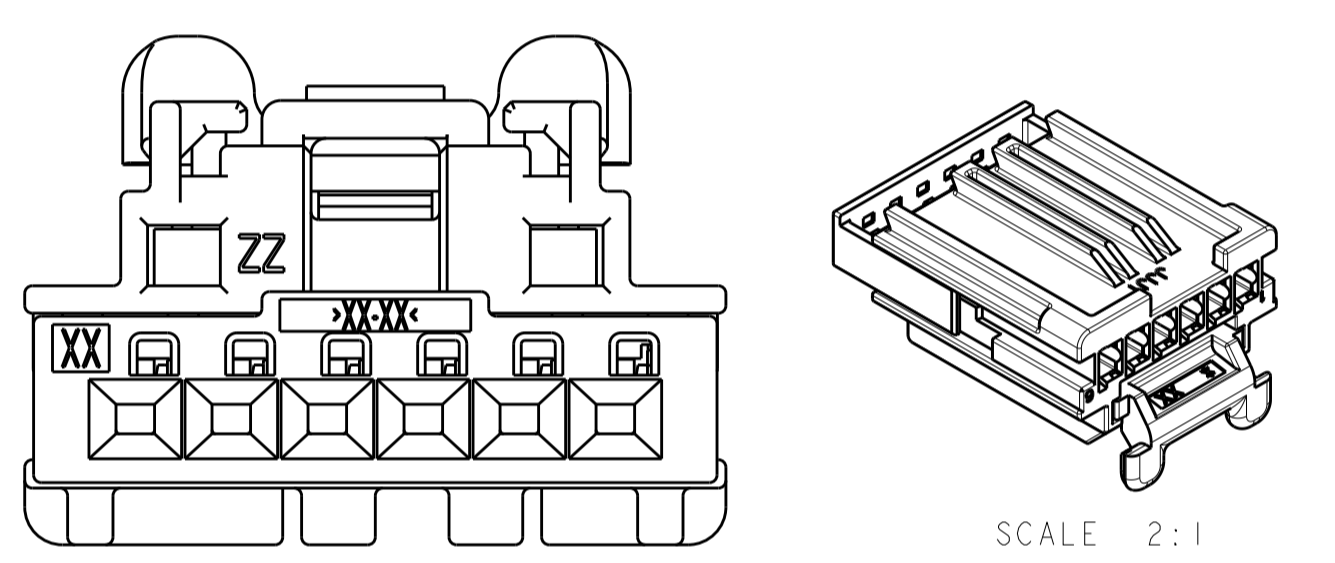
SCALE 2:1

KEYING OPTION: C



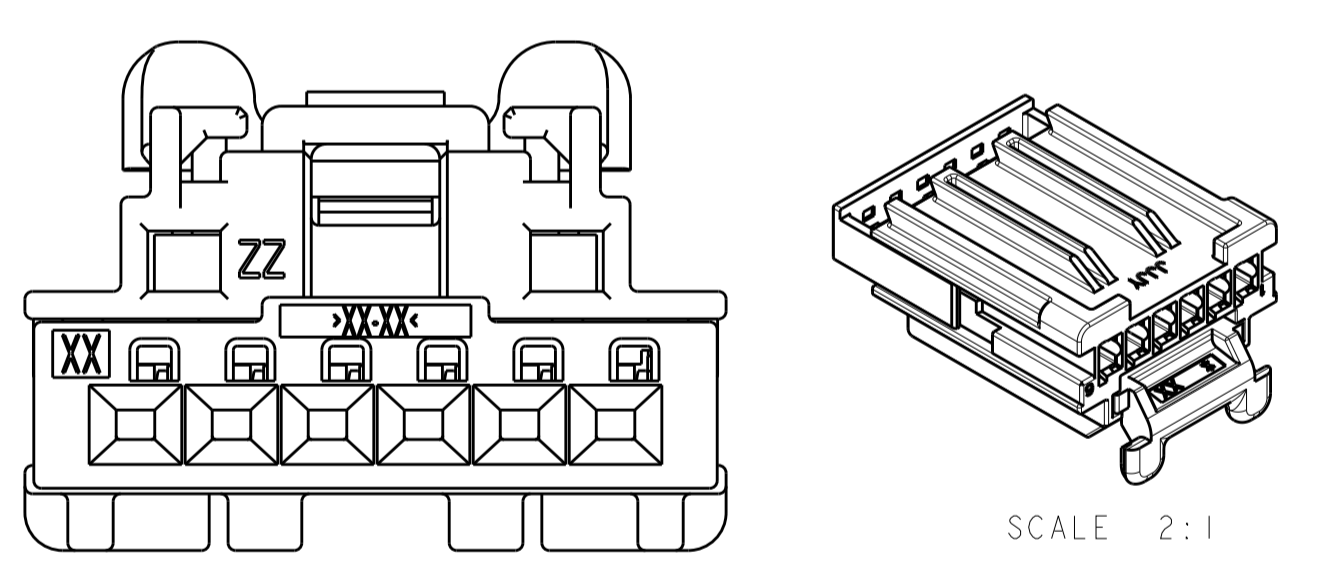
SCALE 2:1

KEYING OPTION: D



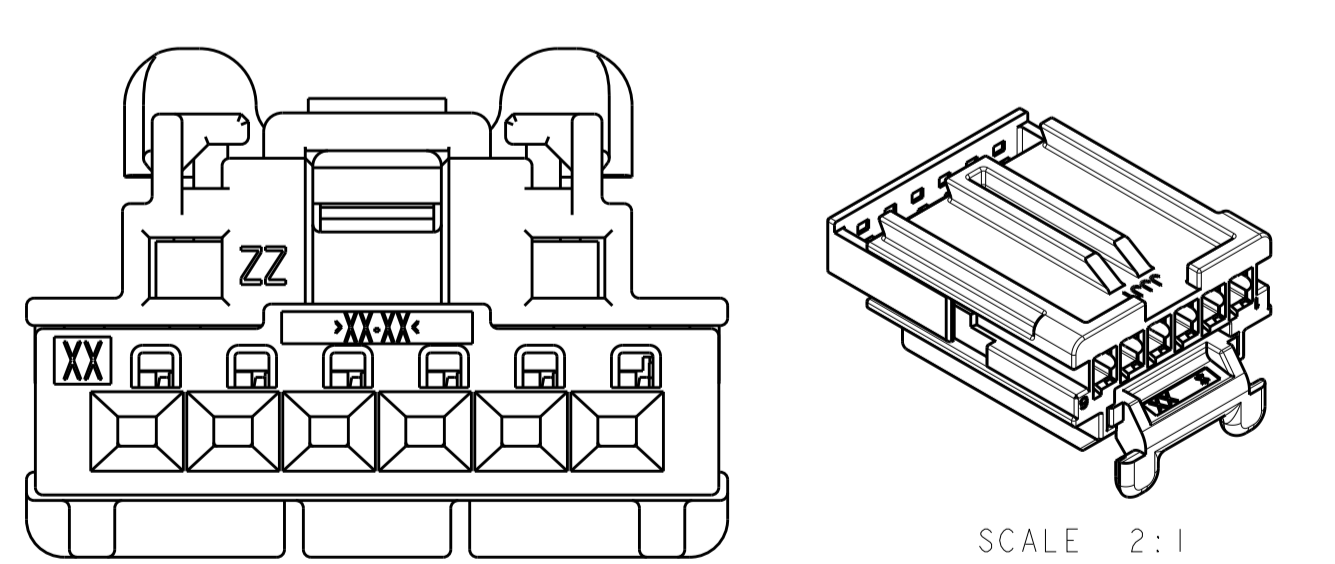
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KEYING OPTION: E

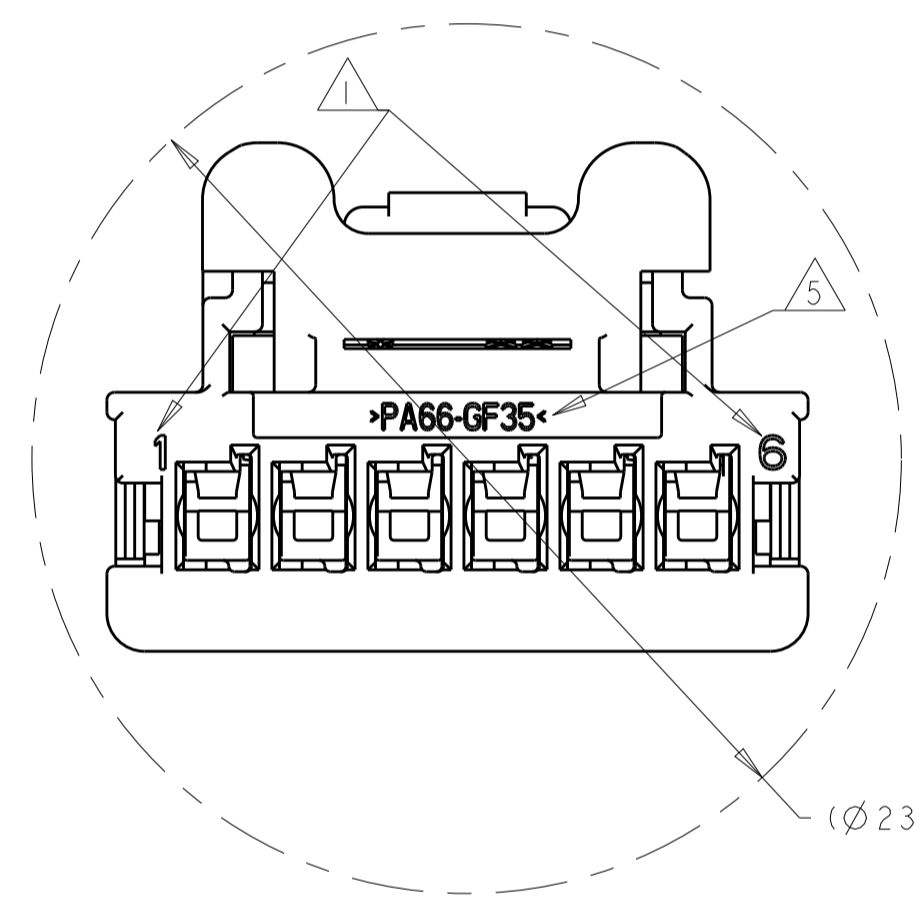
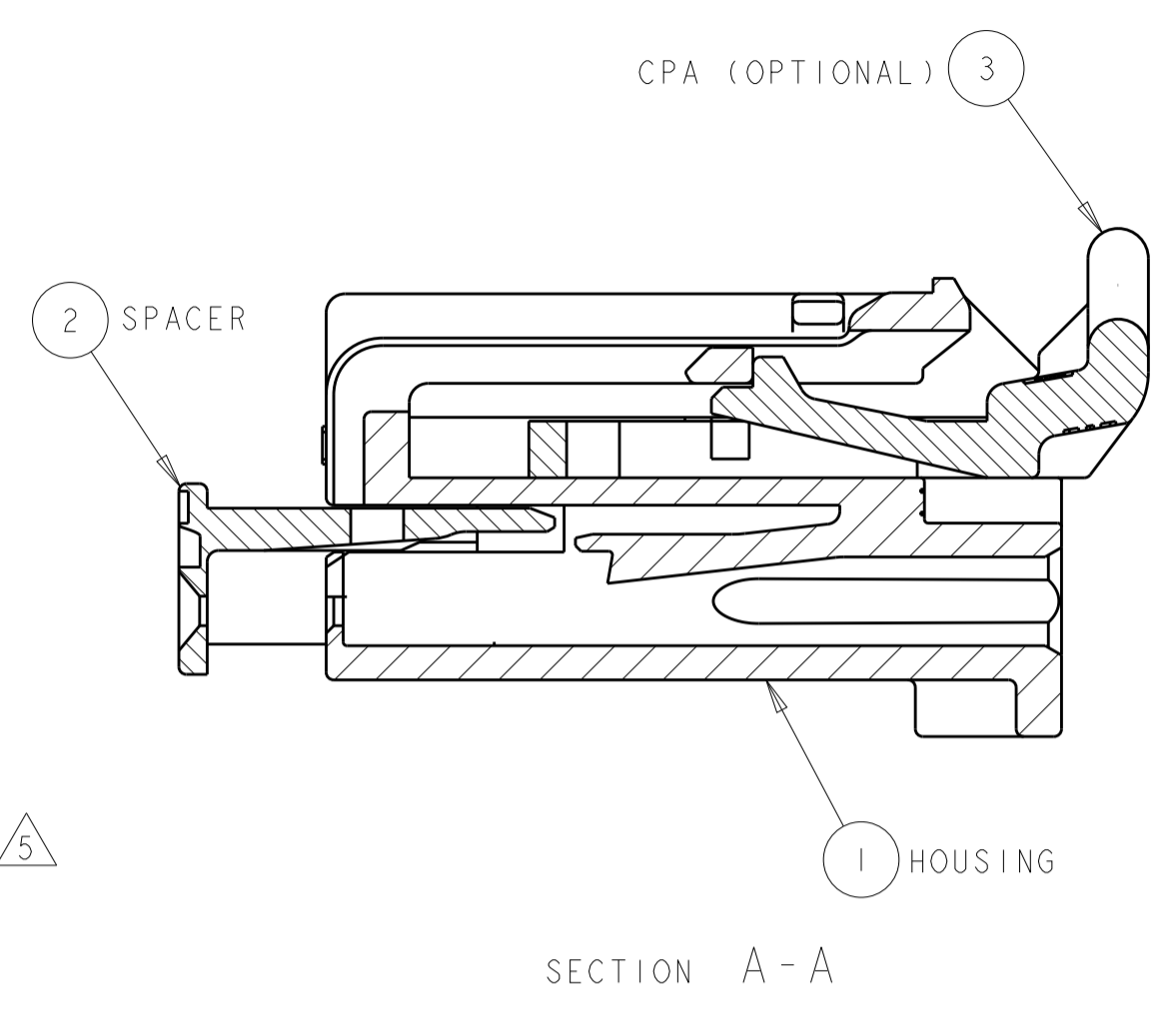
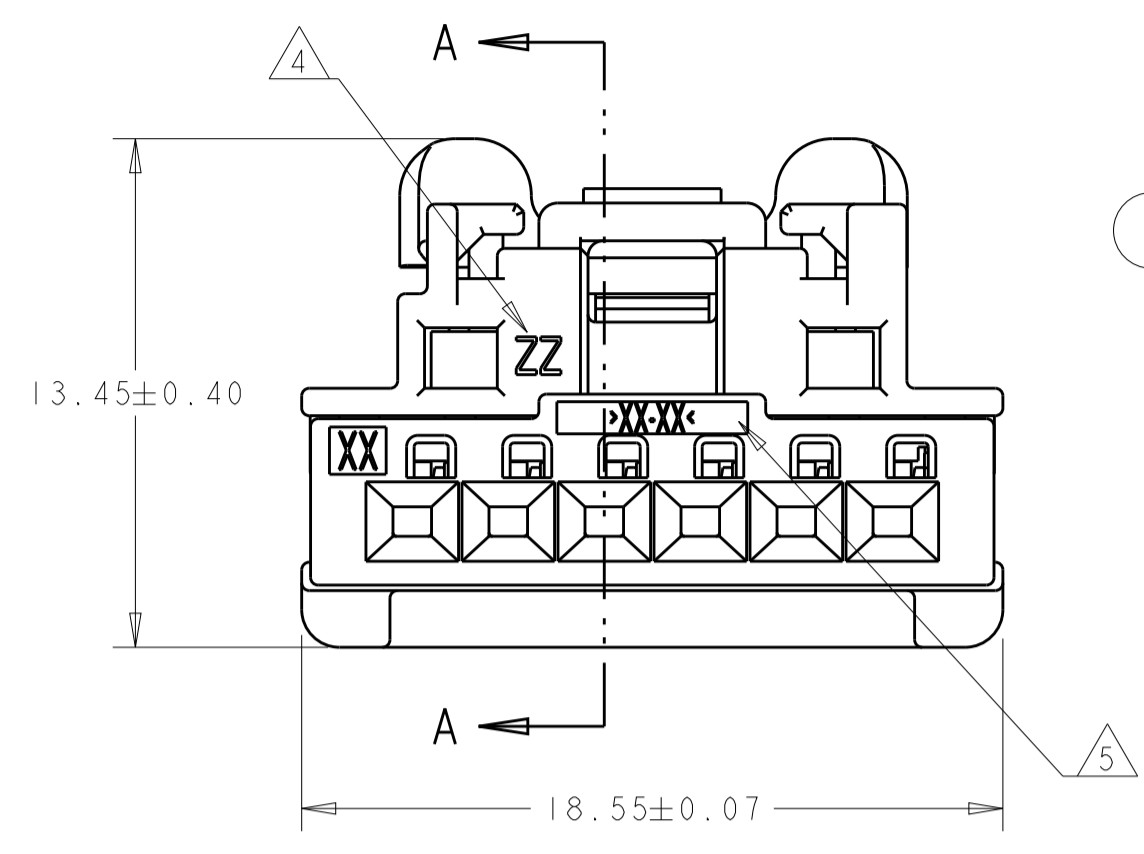
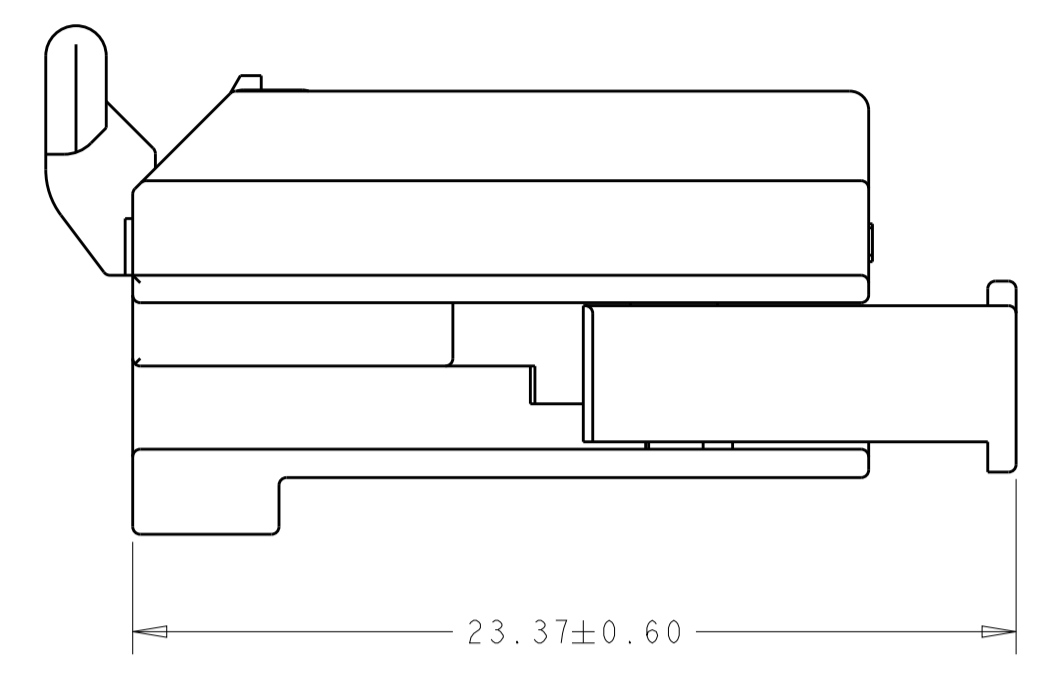


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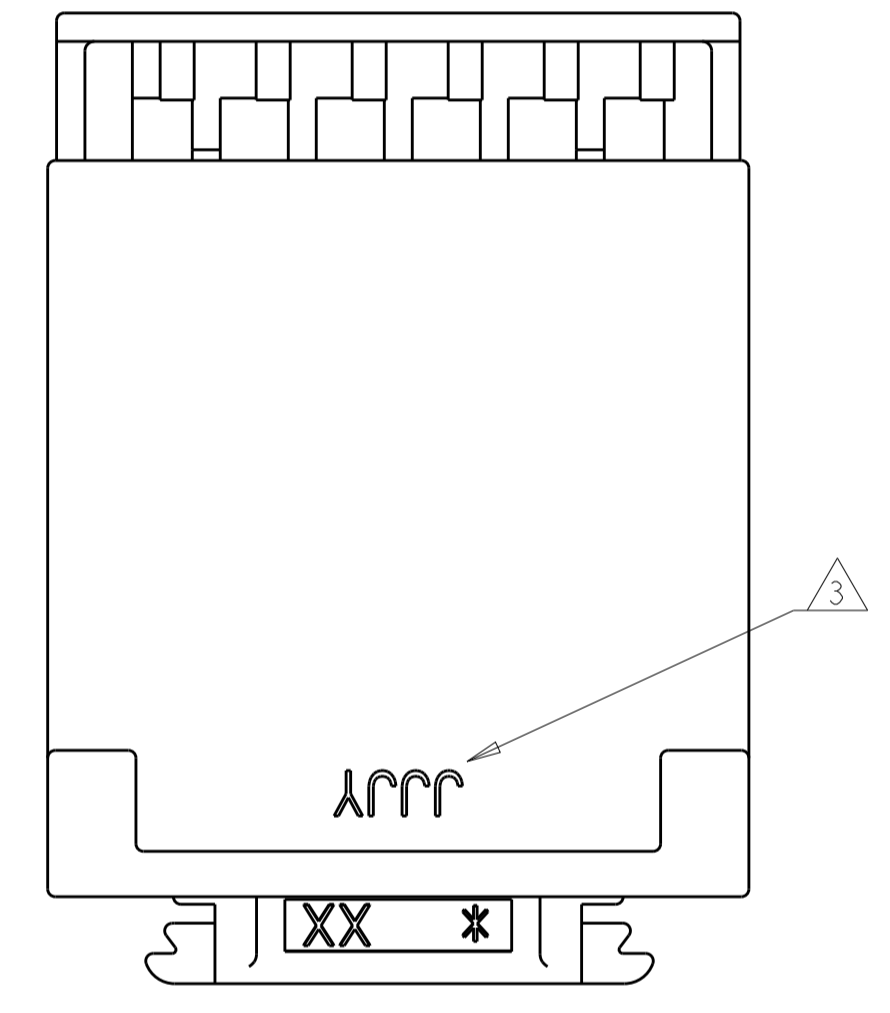
KEYING OPTION: F



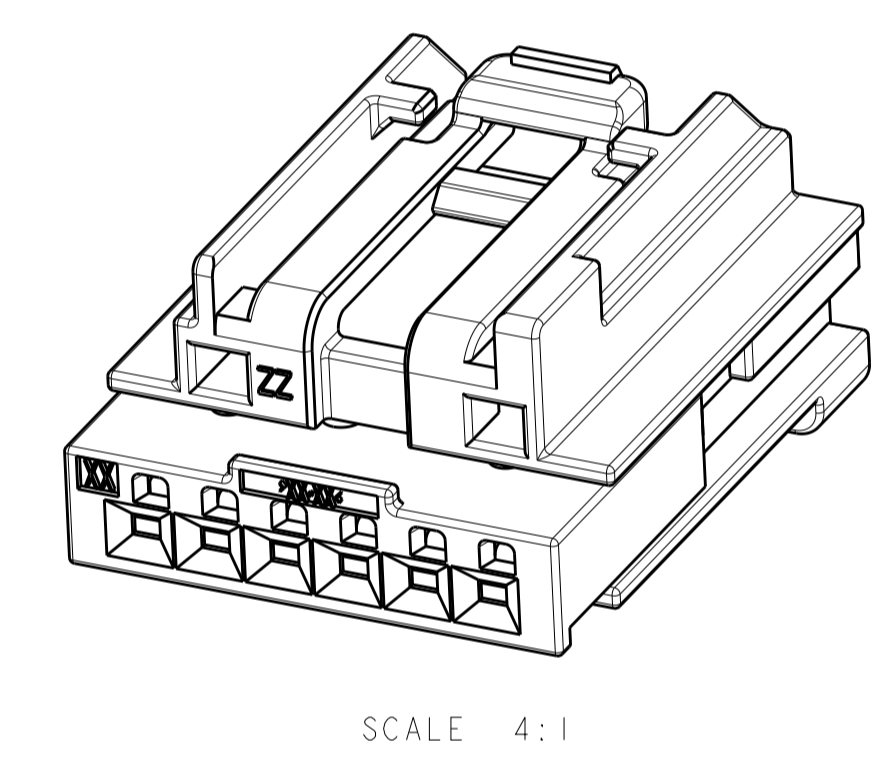
SCALE 2:1



WORST CASE THROUGH CONDITION



- △ CIRCUIT IDENTIFICATION NUMBERS LOCATED AS SHOWN.
- 2. SPACER AND CPA (OPTIONAL) ARE SHIPPED IN PRE-ASSEMBLED POSITION.
- △ DATE CODE; FORMAT: JJJ = JULIAN DAY; Y = YEAR (4TH DIGIT).
- △ MOLD CAVITY IDENTIFICATION.
- △ MATERIAL IDENTIFICATION.
- △ KEYING OPTION B NOT PREFERRED FOR NEW APPLICATIONS.
- 7. PACKAGING: CONNECTOR ASSEMBLIES BULK PACKED IN CARDBOARD BOXES.
- 8. REFERENCE TE INSTRUCTION SHEET 408-32052.



SCALE 4:1

----- ASSEMBLY PART REVISION									
----- ASSEMBLY PN									
QTY REQ'D PER ASSY	REVISION OF EACH ASSY NO (WHEN BLANK, USE DWG REVISION)	DESCRIPTION	MATERIAL	COLOR	ITEM NO				
1		CPA	>PBT-GF15< >PBT-GF20<	RED	3				
1		SPACER	>PBT+PC-GF30< >PBT-GF30<	RED	2				
1		HOUSING; KEY F	>PA66-GF35<	BLACK	1				
-		HOUSING; KEY E	>PA66-GF35<	BLACK	1				
-		HOUSING; KEY D	>PA66-GF35<	BLACK	1				
-		HOUSING; KEY C	>PA66-GF35<	BLACK	1				
-		HOUSING; KEY B	>PA66-GF35<	BLACK	1				
WEIGHT OF EACH ASSY NO (g)									

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWNER: D. DRUMMOND, 20APR2012
 CHG: C. MARTIN, 20APR2012
 APVD: C. MARTIN, 20APR2012

TE Connectivity

NAME: FEMALE ASSEMBLY, 6 POSITION (1X6), UNSEALED, GENERATION Y

SIZE: A1, CAGE CODE: 2035363, DRAWING NO: 100779, RESTRICTED TO: B4

SCALE: 5:1, SHEET: 1 OF 1, REV: B4



Section 2

Engineering Change Documents



Product Change Notification

Current Date: 19-Jul-2018

TE Connectivity

Product Change Notification: P-18-016097

PCN Date: 17-JUL-18

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:

One Roof - Connectors stage

Description of Changes

Dear Customer, TE Connectivity Automotive Business Unit is in the fourth phase of a process Consolidation Project in the Empalme Campus, the objective is to consolidate Plant 1 (Molding & Mechatronics) and Plant 4 (Assembly) into a single building, in the same industrial park. The fourth phase involves migration of TE4 Connector Assembly processes to TE2 One Roof Building, As part of our ongoing activities to provide our customers the highest quality products, this will drive to a Vertical Integration, Safety Systems improvements, Warehouse optimization, and excellent customer experience. The building is being prepare to start moving in September 2018 through December 2018.

Other attachments:

[TE Empalme Consolidation](#)

Reason for Changes:

Dear Customer, we hereby inform you about a transfer of tools and/or processes. The transfer follows a strict procedure, which fully maintains quality, ability to supply and form-fit-function of the concerned products. The new manufacturing location operates under a certified quality management system in accordance with standard automotive requirements. A TE-internal release test based on the relevant part specifications will be executed before delivery. Upon request, a PPAP Level 2 will be available if it concerns a transfer of a tool which produces a finished TE-product. A PPAP Level 1 will be available if it concerns a component of a TE-product, where the production location of the finished TE-product remains unchanged. If you require such a PPAP, please notify the responsible TE Sales Contact within 14 calendar days after receipt of this PCN

Estimated Dates:

Last Order Date (Obsolete Parts Only):

First Date To Ship (Changed Parts Only):

02-NOV-2018

Last Ship Date (Obsolete Parts Only):

Last Date for Mixed Shipments: (Changed Parts Only):

No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-1326132-0	NO					
1-1326327-1	NO					
1-1326328-2	NO					
1-1326727-9	NO					
1-1411001-0	NO					
1-1437855-9	NO		"108525A"			
1-1438454-1	NO					
1-1438726-6	NO					
1-1438726-7	NO					
1-1456315-1	NO					
1-1456315-2	NO					
1-1456315-5	NO					
1-1456426-1	NO					
1-1456426-2	NO					
1-1456426-5	NO					
1-1456426-6	NO					
1-1587041-4	NO					
1-1924067-2	NO					
1-1924067-3	NO					
1-1924067-4	NO					
1-1924067-5	NO					
1-1924067-6	NO					
1-1924067-9	NO					
1-1924337-3	NO					
1-1924939-6	NO					
1-1924940-1	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-1924940-3	NO					
1-1924940-7	NO					
1-1924940-8	NO					
1-1924941-0	NO					
1-1924941-2	NO					
1-1924941-3	NO					
1-1924941-4	NO					
1-1924941-5	NO					
1-1924941-8	NO					
1-1924943-7	NO					
1-1924943-8	NO					
1-1924944-1	NO					
1-1924944-5	NO					
1-1924944-7	NO					
1-2035363-0	NO					
1-2098067-3	NO					
1-2098067-4	NO					
1-2098067-5	NO					
1-2098067-6	NO					
1-2098923-0	NO					
1-2098923-4	NO					
1-2138685-5	NO					
1-2203515-1	NO					
1-2203529-2	NO					
1-2203529-5	NO					
1-2203654-2	NO					
1-2203654-7	NO					
1-2203773-2	NO					
1-2208018-3	NO					
1-2208018-4	NO					
1-2208021-1	NO					
1-2208021-2	NO					
1-2208408-2	NO					
1-2272975-1	NO					
1-2296697-1	NO					
1-2296697-2	NO					
1-2300499-1	NO					
1-2300499-2	NO					
1-2309436-1	NO					
1-638514-0	NO					
1-638514-2	NO					
1-638514-3	NO					
1-638514-4	NO					
1-638514-5	NO					
1-638514-6	NO					
1-776905-1	NO					
1-776905-2	NO					
1-776905-3	NO					
1274412-1	NO					
1326055-3	NO					
1326110-1	NO					
1326122-1	NO					
1326122-3	NO					
1326132-1	NO					
1326132-2	NO					
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1326132-9	NO					
1326136-1	NO					
1326136-2	NO					
1326140-1	NO					
1326140-3	NO					
1326226-1	NO					
1326226-2	NO					
1326226-3	NO					
1326328-5	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
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1326339-6	NO					
1326339-7	NO					
1326339-8	NO					
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1326353-3	NO					
1326362-1	NO					
1326362-3	NO					
1326362-7	NO					
1326509-1	NO					
1326729-1	NO					
1326942-3	NO					
1326964-1	NO					
1411001-1	NO		"V23542-G1508-A115"			
1411001-6	NO					
1411001-7	NO					
1411001-8	NO					
1411001-9	NO					
1411169-1	NO					
1411169-3	NO					
1411169-4	NO					
1411367-1	NO					
1432654-1	NO		"VATS-0022"			
1437882-8	NO		"109640A", "X109640A"			
1438031-1	NO		"V23542-G1516-A101"			
1438082-1	NO					
1438083-1	NO					
1438122-1	NO					
1438156-1	NO					
1438156-3	NO					
1438399-1	NO					
1438426-1	NO					
1438426-3	NO					
1438454-1	NO					
1438521-1	NO					
1438545-1	NO					
1438726-2	NO					
1438759-1	NO					
1438761-6	NO					
1438766-1	NO					
1438794-1	NO					
1438794-2	NO					
1438810-1	NO					
1438841-1	NO					
1438841-2	NO					
1438848-1	NO					
1438975-2	NO					
1443966-1	NO					
1452187-1	NO					
1456016-1	NO		"130025602403"			
1456016-2	NO		"130025602404"			
1456016-3	NO		"130025602405"			
1456016-4	NO		"130025602406"			
1456078-1	NO		"1X2078701"			
1456078-2	NO		"1X2078702"			
1456315-1	NO					
1456315-2	NO					
1456315-3	NO					
1456315-5	NO					
1456315-6	NO					
1456315-9	NO					
1456471-1	NO					
1456471-2	NO					
1456471-4	NO					
1456471-5	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
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1456554-1	NO					
1456601-1	NO					
1456602-2	NO					
1456867-3	NO					
1456950-2	NO					
1456987-1	NO					
1456987-3	NO					
1456987-4	NO					
1456987-5	NO					
1456987-7	NO					
1456989-1	NO					
1456989-2	NO					
1456989-3	NO					
1456989-4	NO					
1488107-1	NO					
1488573-1	NO					
1488750-1	NO					
1488846-4	NO					
1488846-6	NO					
1488903-1	NO					
1557052-1	NO					
1557636-1	NO					
1557667-1	NO					
1587041-1	NO					
1587255-1	NO					
1587268-4	NO					
1587270-5	NO					
1587392-7	NO					
1587392-8	NO					
1642407-5	NO					
1670118-1	NO					
1670120-1	NO					
1670120-2	NO					
1718981-1	NO					
1732120-1	NO					
1732120-2	NO					
1732510-3	NO					
174971-2	NO					
174973-2	NO					
174975-2	NO					
174979-2	NO					
179678-6	NO					
179679-6	NO					
179680-5	NO					
179681-6	NO					
184000-1	NO					
184002-1	NO					
184004-1	NO					
184006-1	NO					
184006-2	NO					
184008-1	NO					
184010-1	NO					
184012-1	NO					
184014-1	NO					
184016-1	NO					
184020-1	NO					
184022-1	NO					
184032-1	NO					
184034-1	NO					
184042-1	NO					
184042-2	NO					
184046-1	NO		"EM3604-000", "AMP-0-0184046-1"			
184050-2	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
184060-1	NO					
184097-1	NO					
184115-1	NO					
184116-1	NO					
184116-2	NO					
184124-1	NO					
184207-1	NO					
184212-1	NO					
184212-2	NO					
184214-1	NO					
184216-1	NO					
184220-1	NO					
184240-1	NO					
184246-1	NO					
184248-1	NO					
184254-1	NO					
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184292-1	NO					
184305-1	NO					
184311-1	NO					
184315-1	NO					
184322-1	NO					
184328-1	NO					
184334-1	NO					
184340-1	NO					
184341-1	NO					
184344-1	NO					
184346-1	NO					
184346-2	NO					
184349-1	NO					
184355-1	NO					
184355-2	NO					
184370-1	NO					
184375-1	NO					
184392-1	NO					
184392-2	NO					
184393-1	NO					
184393-2	NO					
184394-1	NO					
184396-1	NO					
184397-1	NO					
184398-1	NO					
184399-1	NO					
184400-1	NO					
184401-1	NO					
184406-1	NO					
184408-1	NO					
184408-2	NO					
184409-1	NO					
184435-1	NO					
184452-1	NO					
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1924211-1	NO					
1924211-3	NO					
1924212-1	NO					
1924212-2	NO					
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1924292-5	NO					
1924292-6	NO					
1924337-1	NO					
1924337-2	NO					
1924337-3	NO					
1924346-1	NO					
1924346-3	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1924484-1	NO					
1924639-1	NO					
1924639-2	NO					
1924779-1	NO					
1924900-1	NO					
1924900-4	NO					
1924939-1	NO					
1924940-1	NO					
1924940-5	NO					
1924940-6	NO					
1924941-1	NO					
1924941-2	NO					
1924941-4	NO					
1924941-5	NO					
1924941-6	NO					
1924941-7	NO					
1924941-8	NO					
1924941-9	NO					
1924942-1	NO					
1924942-2	NO					
1924942-3	NO					
1924942-6	NO					
1924943-1	NO					
1924944-1	NO					
1924944-2	NO					
1924944-4	NO					
1924944-6	NO					
2-1326327-8	NO					
2-1438083-1	NO					
2-1438454-1	NO					
2-1438521-4	NO					
2-1438521-5	NO					
2-1438521-7	NO					
2-1438950-1	NO					
2-1924067-0	NO					
2-1924211-1	NO					
2-1924783-9	NO					
2-1924939-2	NO					
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2-2098923-1	NO					
2-2098923-2	NO					
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2-638518-1	NO					
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2-776728-5	NO					
2035024-1	NO					
2035024-2	NO					
2035037-1	NO					
2035037-2	NO					
2035239-1	NO					
2035360-1	NO					
2035360-3	NO					
2035360-5	NO					
2035363-1	NO					
2035363-2	NO					
2035363-3	NO					
2035363-4	NO					
2035363-5	NO					
2035363-6	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2035363-7	NO					
2098067-1	NO					
2098067-2	NO					
2098067-3	NO					
2098067-4	NO					
2098067-5	NO					
2098067-6	NO					
2098067-7	NO					
2098198-5	NO					
2098256-7	NO					
2098269-1	NO					
2098269-4	NO					
2098401-2	NO					
2098407-1	NO					
2098489-1	NO					
2098491-1	NO					
2098541-1	NO					
2098541-5	NO					
2098541-6	NO					
2098557-1	NO					
2098557-4	NO					
2098557-7	NO					
2098559-5	NO					
2098559-6	NO					
2098559-7	NO					
2098559-8	NO					
2098627-1	NO					
2098627-2	NO					
2098633-1	NO					
2098641-1	NO					
2098641-2	NO					
2098641-5	NO					
2098641-6	NO					
2098681-1	NO					
2098863-1	NO					
2098863-2	NO					
2098863-6	NO					
2098863-7	NO					
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2098865-2	NO					
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2098966-1	NO					
2098966-2	NO					
2098966-3	NO					
2098966-6	NO					
2098966-7	NO					
2138045-1	NO					
2138046-3	NO					
2138046-6	NO					
2138047-3	NO					
2138144-1	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2138209-1	NO					
2138250-1	NO					
2138251-1	NO					
2138252-1	NO					
2138260-1	NO					
2138274-1	NO					
2138281-2	NO					
2138314-1	NO					
2138314-5	NO					
2138314-7	NO					
2138338-5	NO					
2138338-7	NO					
2138414-1	NO					
2138731-1	NO					
2138873-4	NO					
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2203111-6	NO					
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2203314-1	NO					
2203314-2	NO					
2203314-3	NO					
2203318-1	NO					
2203318-2	NO					
2203321-1	NO					
2203321-2	NO					
2203321-3	NO					
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2203919-1	NO					
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2272006-1	NO					
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2272975-5	NO					
2272975-7	NO					
2272975-9	NO					
2286018-1	NO					
2287729-2	NO					
2288276-1	NO					
2288276-2	NO					
2289050-1	NO					
2289050-2	NO					
2291594-1	NO					
2296701-1	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2296701-6	NO					
2297354-1	NO					
2306639-1	NO					
2306984-1	NO					
2309644-1	NO					
2309644-3	NO					
2309644-4	NO					
2311107-1	NO					
2320479-1	NO					
2324011-1	NO					
3-1326328-4	NO					
3-1326339-5	NO					
3-1326339-6	NO					
3-1326339-7	NO					
3-1326727-2	NO					
3-1326727-3	NO					
3-1326729-3	NO					
3-1437287-4	NO		"0941972R01"			
3-1437854-1	NO		"103625"			
3-1438640-2	NO					
3-1438640-5	NO					
3-1438640-7	NO					
3-1438640-9	NO					
3-1438841-8	NO					
3-1924939-1	NO					
3-1924939-4	NO					
3-1924939-5	NO					
3-2098269-1	NO					
3-2098269-2	NO					
3-2098269-3	NO					
3-2098269-6	NO					
3-2098269-7	NO					
3-2098269-8	NO					
3-2098922-3	NO					
3-2203654-2	NO					
3-2203654-4	NO					
3-2203654-5	NO					
3-638517-0	NO					
3-776729-0	NO					
4-1326339-1	NO					
4-1326339-5	NO					
4-1326339-7	NO					
4-1437287-0	NO		"0944252L01"			
4-1437287-5	NO		"130025602401"			
4-1437287-6	NO		"130025602402"			
4-1437287-7	NO		"130025603205"			
4-1437290-5	NO		"4001753201"			
4-1437290-6	NO		"4001753202"			
4-1437290-7	NO		"4001753203"			
4-1438083-3	NO					
4-1438083-4	NO					
4-1438640-5	NO					
4-1454396-1	NO		"108104D"			
4-1454396-7	NO		"X109732A"			
4-1456426-1	NO					
4-1456426-2	NO					
4-1488991-1	NO					
4-1488991-2	NO					
4-1587041-6	NO					
4-1924067-1	NO					
4-1924067-2	NO					
4-1924292-1	NO					
4-1924939-2	NO					
4-1924939-3	NO					
4-1924939-5	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
4-1924939-7	NO					
4-1924939-8	NO					
4-1924939-9	NO					
4-2098269-2	NO					
4-2098269-5	NO					
4-2098269-6	NO					
4-2098541-1	NO					
4-2098541-2	NO					
4-2098557-1	NO					
4-2098641-1	NO					
4-2098641-2	NO					
4-2138685-1	NO					
4-2203542-7	NO					
4-2203542-8	NO					
4-2203654-2	NO					
4-2203654-6	NO					
4-2203654-7	NO					
4-2203654-8	NO					
4-2203654-9	NO					
4-2272003-1	NO					
4-2272003-2	NO					
4-2272003-4	NO					
4-2272003-5	NO					
4-2272004-1	NO					
4-2272004-2	NO					
4-2272005-1	NO					
4-2272005-2	NO					
4-2272173-1	NO					
4-2272173-2	NO					
4-2272173-3	NO					
4-776728-0	NO					
4-776728-1	NO					
4-776728-2	NO					
4-776728-3	NO					
414946-1	NO					
5-1326339-0	NO					
5-1419166-6	NO					
5-1419167-6	NO					
5-1419168-8	NO		"V23542-G1516-D101"			
5-1437287-0	NO		"1300279"			
5-1437854-0	NO		"104055"			
5-1438082-1	NO					
5-1438841-9	NO					
5-1924939-0	NO					
5-1924939-1	NO					
5-1924939-4	NO					
5-1924939-5	NO					
5-1924939-6	NO					
5-1924939-7	NO					
5-2098269-0	NO					
5-2138685-5	NO					
5-2203541-6	NO					
5-2203541-7	NO					
5-2203542-0	NO					
5-2272352-5	NO					
5-2306984-6	NO					
5-2306984-7	NO					
6-1419166-1	NO		"V23542-G1404-A107"			
6-1419166-2	NO		"V23542-G1404-A108"			
6-1419167-1	NO		"V23542-G1416-A107"			
6-1924939-5	NO					
6-1924939-9	NO					
6-2098922-6	NO					
6-2203541-3	NO					
6-2203541-5	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
6-2203541-6	NO					
6-2203542-1	NO					
6-2203542-2	NO					
6-2203542-8	NO					
6-2203542-9	NO					
6-2309433-1	NO					
6-776728-8	NO					
6-776728-9	NO					
6-776729-0	NO					
6-776729-3	NO					
6-776729-4	NO					
6-776729-5	NO					
638014-1	NO					
638079-1	NO					
638082-1	NO					
638097-2	NO					
638113-1	NO					
638116-1	NO					
638119-1	NO					
638137-1	NO					
638141-1	NO					
638143-1	NO					
638147-1	NO					
638151-1	NO					
638157-1	NO					
638199-2	NO					
638207-6	NO					
638207-8	NO					
638245-1	NO					
638245-2	NO					
638286-2	NO					
638392-1	NO					
638392-2	NO					
638392-3	NO					
638393-1	NO					
638393-3	NO					
638393-5	NO					
638393-7	NO					
638394-1	NO					
638394-4	NO					
638394-5	NO					
638397-1	NO					
638444-9	NO					
638514-1	NO					
638514-8	NO					
638517-5	NO					
638518-5	NO					
638518-8	NO					
638817-3	NO					
638817-4	NO					
638817-8	NO					
638817-9	NO					
638818-2	NO					
638832-3	NO		"1000012806-0001"			
638849-7	NO					
638939-5	NO					
7-1326728-8	NO					
7-1326728-9	NO					
7-2098922-2	NO					
7-2203541-2	NO					
7-2203541-3	NO					
7-2203541-4	NO					
7-2203541-5	NO					
7-2203542-0	NO					
7-776728-0	NO					

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
7-776728-1	NO					
7-776729-2	NO					
7-776729-4	NO					
7-776729-5	NO					
776728-1	NO					
776729-1	NO					
776793-1	NO					
776793-2	NO					
776905-1	NO					
776905-8	NO					
776932-1	NO					
776932-3	NO					
776932-4	NO					
9-1419157-6	NO		"V23542-G1410-A107"			
9-1419166-0	NO		"V23542-G1408-A101"			
9-1438082-2	NO					
9-1454396-3	NO		"X109644C"			
917981-1	NO					
917981-2	NO					
917981-6	NO					
917989-1	NO		"0-0917989-1"			
917989-2	NO					
917989-6	NO					
917992-1	NO					
917992-6	NO					



Section 3

Customer Engineering Approval

Section 4

Design FMEA

See Section A for nondisclosure conditions.

The Design FMEA, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.



Section 5

Process Flow Diagram

See Section A for nondisclosure conditions.

The Process Flow Diagram, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.



Section 6

Process FMEA

See Section A for nondisclosure conditions.

The Process FMEA, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.



Section 7

Control Plan

**See Section A for nondisclosure conditions.
The Control Plan, if included, is a Class II confidential document
belonging to TE Connectivity. A class II document may not be
further distributed and is subject to the conditions of the
nondisclosure agreement.**

Section 8

Measurement System Analysis



DATA - GRR ATTRIBUTE STUDY

Empalme Site

DATE:	12-Mar-19
REQUEST:	Mario Baidon
QUALITY ENGINEER:	Mario Baidon
MANUFACTURE ENGINEER	Josue Garcia
PLANT:	Plant 2
SPC TECHNICIAN:	Eliseo Cazarez
PART NUMBER:	2035363-4
COMMENT General:	Vision System 48308711

Work Center:	6428
NUM. Gage-Fixture	48308711
OPERATOR 1	-OPERATOR 1
OPERATOR 2	-OPERATOR 2
OPERATOR 3	-OPERATOR 3
Standard Record	2019-0422

Known Population				-OPERATOR 1			Expert	-OPERATOR 2			Expert	-OPERATOR 3			Expert	OPER VS OPER	OPER VS SAMPLE
# ID	Num Sample	DETAILS	Standard	Try #1	Try #2	Try #3	Result	Try #1	Try #2	Try #3	Result	Try #1	Try #2	Try #3	Result	Agree	Agree
1	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
2	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
3	2	CLOSED TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
4	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
5	2	CLOSED TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
6	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
7	6	KEY INCORRECT	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
8	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
9	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
10	6	KEY INCORRECT	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
11	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
12	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
13	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
14	6	KEY INCORRECT	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
15	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
16	2	CLOSED TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
17	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
18	2	CLOSED TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
19	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
20	6	KEY INCORRECT	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
21	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
22	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
23	6	KEY INCORRECT	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
24	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
25	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
26	6	KEY INCORRECT	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
27	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
28	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
29	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK



DATA - GRR ATTRIBUTE STUDY

Empalme Site

DATE:	12-Mar-19
REQUEST:	Mario Baidon
QUALITY ENGINEER:	Mario Baidon
MANUFACTURE ENGINEER:	Josue Garcia
PLANT:	Plant 2
SPC TECHNICIAN:	Eliseo Cazarez
PART NUMBER:	2035363-4
COMMENT General:	Vision System 48308711

Work Center:	6428
NUM. Gage-Fixture	48308711
OPERATOR 1	-OPERATOR 1
OPERATOR 2	-OPERATOR 2
OPERATOR 3	-OPERATOR 3
Standard Record	2019-0422

Known Population				-OPERATOR 1			Expert	-OPERATOR 2			Expert	-OPERATOR 3			Expert	OPER VS OPER	OPER VS SAMPLE
# ID	Num Sample	DETAILS	Standard	Try #1	Try #2	Try #3	Result	Try #1	Try #2	Try #3	Result	Try #1	Try #2	Try #3	Result	Agree	Agree
30	6	KEY INCORRECT	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
31	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
32	2	CLOSED TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
33	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
34	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
35	2	CLOSED TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
36	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
37	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
38	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
39	2	CLOSED TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
40	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
41	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
42	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
43	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
44	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
45	2	CLOSED TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
46	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
47	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
48	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
49	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
50	6	KEY INCORRECT	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK

Final comments of the study:

SPC Technician: Must be sent to answer to request, quality engineer and manufacture engineer.



REPORT GRR ATTRIBUTE

DATE	12-Mar-19	ID - EQUIPMENT
STANDAR RECORD	2019-0422	48308711
Work Center:	6428	
RESULT	ACCEPTED	

% OPER VS OPER			% OPER VS SAMPLE		
OPERATO R 1	OPERATOR 2	OPERATO R 3	OPERATO R 1	OPERATOR 2	OPERATO R 3
50	50	50	50	50	50
50	50	50	50	50	50
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
94.18%	94.18%	94.18%	94.18%	94.18%	94.18%

Operators

Inspected total

Agreement

95% UCL

Calculated Score

95% LCL

Screen % Effective Score
50
50
100.0%
100.0%
94.18%

Screen % Effective Score vs Standard
50
50
100.0%
100.0%
94.18%

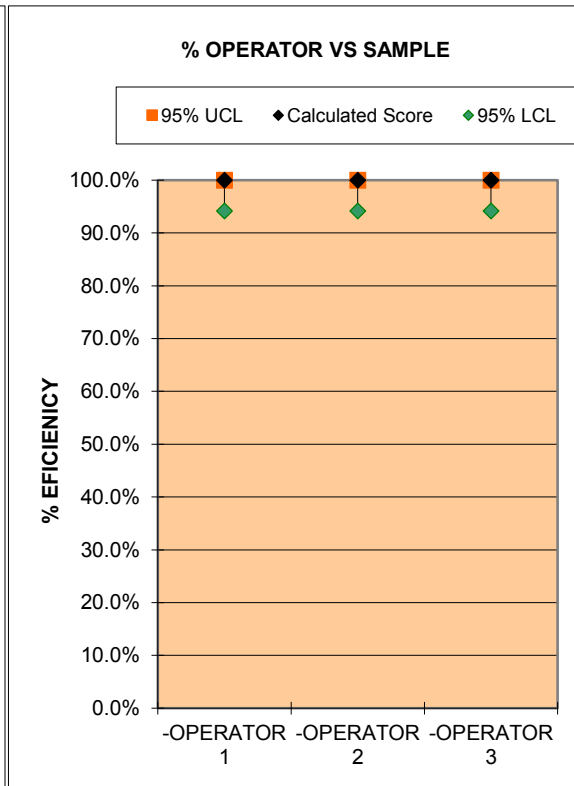
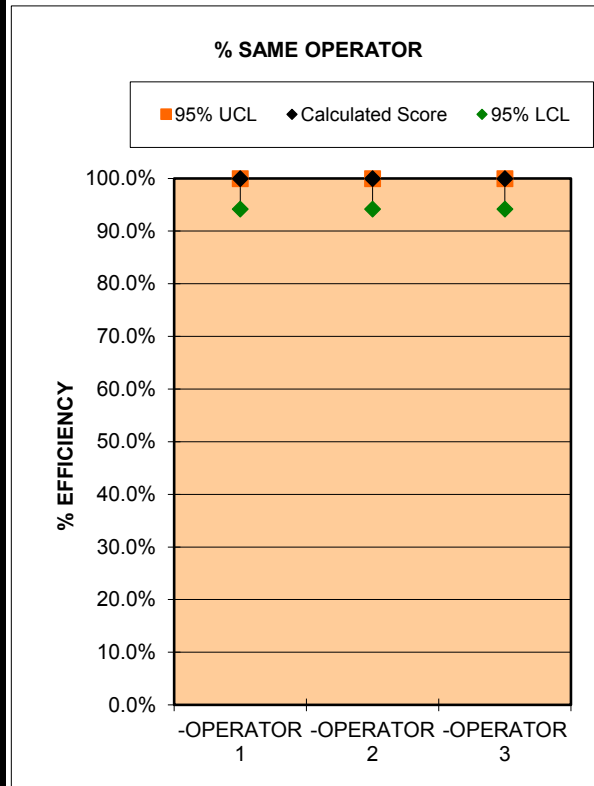
Total Inspected

coincidencias

95% UCL

Calculated Score

95% LCL





DATA - GRR ATTRIBUTE STUDY

Empalme Site

DATE:	9-Mar-19
REQUEST:	Mario Baidon
QUALITY ENGINEER:	Mario Baidon
MANUFACTURE ENGINEER	Josue Garcia
PLANT:	Plant 2
SPC TECHNICIAN:	Eliseo Cazarez
PART NUMBER:	2035363-4
COMMENT General:	Vision System 49813959

Work Center:	8566
NUM. Gage-Fixture	49813959
OPERATOR 1	-OPERATOR 1
OPERATOR 2	-OPERATOR 2
OPERATOR 3	-OPERATOR 3
Standard Record	2019-0398

Known Population				-OPERATOR 1			Expert	-OPERATOR 2			Expert	-OPERATOR 3			Expert	OPER VS OPER	OPER VS SAMPLE
# ID	Num Sample	DETAILS	Standard	Try #1	Try #2	Try #3	Result	Try #1	Try #2	Try #3	Result	Try #1	Try #2	Try #3	Result	Agree	Agree
1	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
2	6	INCORRECT KEY	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
3	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
4	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
5	2	TPA CLOSED WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
6	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
7	6	INCORRECT KEY	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
8	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
9	2	TPA CLOSED WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
10	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
11	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
12	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
13	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
14	2	TPA CLOSED WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
15	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
16	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
17	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
18	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
19	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
20	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
21	6	INCORRECT KEY	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
22	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
23	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
24	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
25	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
26	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
27	6	INCORRECT KEY	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
28	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
29	2	TPA CLOSED WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK



DATA - GRR ATTRIBUTE STUDY

Empalme Site

DATE:	9-Mar-19
REQUEST:	Mario Baidon
QUALITY ENGINEER:	Mario Baidon
MANUFACTURE ENGINEER:	Josue Garcia
PLANT:	Plant 2
SPC TECHNICIAN:	Eliseo Cazarez
PART NUMBER:	2035363-4
COMMENT General:	Vision System 49813959

Work Center:	8566
NUM. Gage-Fixture	49813959
OPERATOR 1	-OPERATOR 1
OPERATOR 2	-OPERATOR 2
OPERATOR 3	-OPERATOR 3
Standard Record	2019-0398

Known Population				-OPERATOR 1			Expert	-OPERATOR 2			Expert	-OPERATOR 3			Expert	OPER VS OPER	OPER VS SAMPLE
# ID	Num Sample	DETAILS	Standard	Try #1	Try #2	Try #3	Result	Try #1	Try #2	Try #3	Result	Try #1	Try #2	Try #3	Result	Agree	Agree
30	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
31	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
32	6	INCORRECT KEY	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
33	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
34	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
35	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
36	6	INCORRECT KEY	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
37	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
38	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
39	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
40	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
41	2	TPA CLOSED WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
42	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK
43	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
44	7	MISSING CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
45	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
46	5	TPA CLOSED RIGHT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
47	6	INCORRECT KEY	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
48	4	TPA CLOSED LEFT SIDE WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
49	3	MISSING TPA WITH CPA	NO	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	NO	NO	NO	ACCEPTED	OK	OK
50	1	GOOD SAMPLE	YES	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	YES	YES	YES	ACCEPTED	OK	OK

Final comments of the study:

SPC Technician: Must be sent to answer to request, quality engineer and manufacture engineer.



REPORT GRR ATTRIBUTE

DATE	9-Mar-19	ID - EQUIPMENT
STANDAR RECORD	2019-0398	49813959
Work Center:	8566	
RESULT	ACCEPTED	

% OPER VS OPER			% OPER VS SAMPLE		
OPERATO R 1	OPERATOR 2	OPERATO R 3	OPERATO R 1	OPERATOR 2	OPERATO R 3
50	50	50	50	50	50
50	50	50	50	50	50
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
94.18%	94.18%	94.18%	94.18%	94.18%	94.18%

Operators

Inspected total

Agreement

95% UCL

Calculated Score

95% LCL

Screen % Effective Score	
Total Inspected	50
coincidencias	50
95% UCL	100.0%
Calculated Score	100.0%
95% LCL	94.18%

Screen % Effective Score vs Standard	
Total Inspected	50
coincidencias	50
95% UCL	100.0%
Calculated Score	100.0%
95% LCL	94.18%

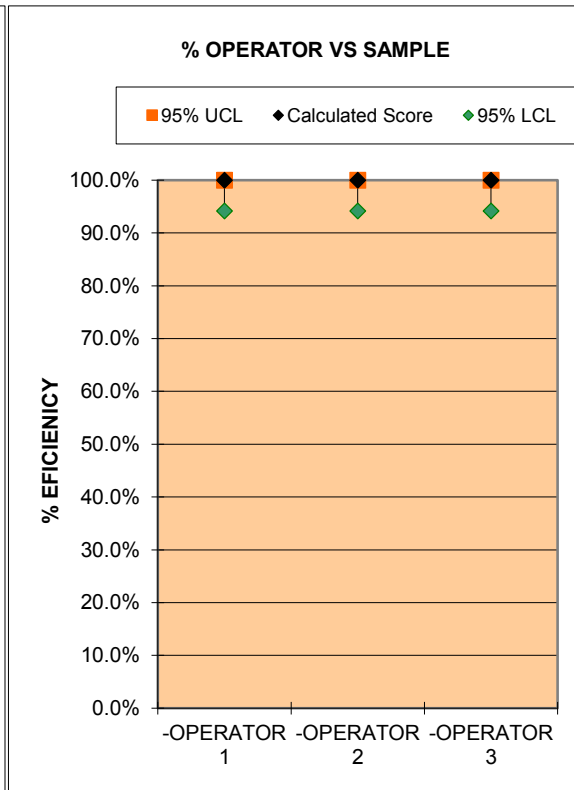
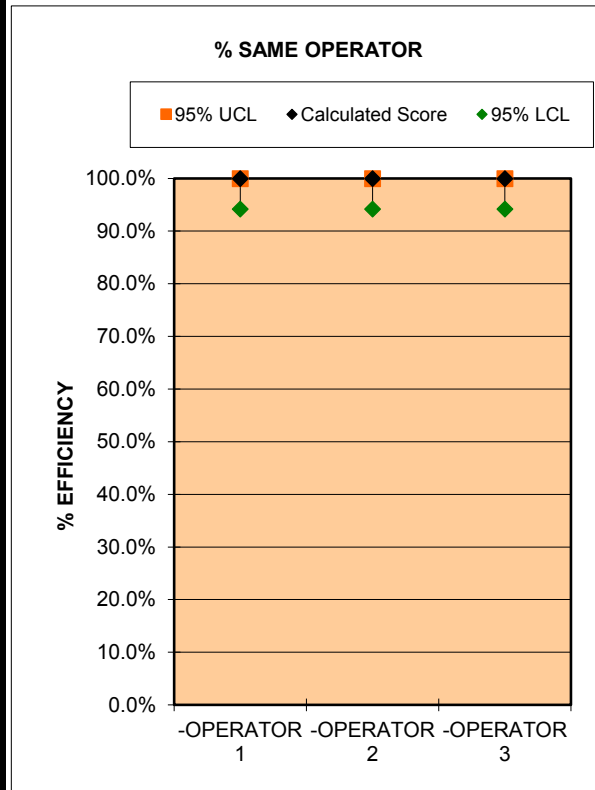
Total Inspected

coincidencias

95% UCL

Calculated Score

95% LCL



Section 9

Dimensional Results



Production Part Approval

DIMENSIONAL TEST RESULTS



TE Connectivity-Empalme is accredited by ANSI-ASQ National Accreditation Board for ISO/IEC 17025 under a defined

ACT-1173

Organization: TE Connectivity	Part Number: 1-2035363-0 / 2035363-2 /2035363-4 /2035363-6 /2035363-8
Supplier/Vendor Code: N/A	Part Name: FEMALE ASSEMBLY, 6 POSITION (1X6), UNSEALED, GENERATION Y
INSPECTION FACILITY: TE Connectivity Empalme Metrology lab	Design Record Change Level: C-2035363 REV: B4
	Engineering Change Documents: N/A
	# Folio: 44920 Page <u> 1 </u> of <u> 1 </u>

Item	Dim./Spec.	Spec. / Limits		Units	Organization Measurement Results (Data)						Ok	Not Ok	Instrument # ID
		tol +	tol -		SAMPLE 1	SAMPLE 2	SAMPLE 3	SAMPLE 4	SAMPLE 5	SAMPLE 6			
1	23.37	0.60	0.60	mm.	23.567	23.572	23.586	23.568	23.576	23.576	✓		LMMC-009
2	13.45	0.40	0.40	mm.	13.410	13.409	13.437	13.447	13.429	13.418	✓		LMMC-009
3	18.55	0.07	0.07	mm.	18.570	18.574	18.591	18.575	18.567	18.549	✓		LMMC-009
4	23	MINIMUM		mm.	OK	OK	OK	OK	OK	OK	✓		
5	CPA (OPTIONAL)			visual	OK	OK	OK	OK	OK	OK	✓		
6	SPACER			visual	OK	OK	OK	OK	OK	OK	✓		
7	HOUSING			visual	OK	OK	OK	OK	OK	OK	✓		

NOTES:													
1	CIRCUIT IDENTIFICATION NUMBER LOCATED AS SHOWN.			visual	OK	OK	OK	OK	OK	OK	OK	✓	
2	SPACER AND CPA (OPTIONAL) ARE SHIPPED IN PRE-ASSEMBLED POSITION.			visual	OK	OK	OK	OK	OK	OK	OK	✓	
3	DATE CODE: FORMAT: JJJ = JULIAN DAY; Y = YEAR (4TH DIGIT).			visual	OK	OK	OK	OK	OK	OK	OK	✓	
4	MOLD CAVITY IDENTIFICATION.			visual	OK	OK	OK	OK	OK	OK	OK	✓	
5	MATERIAL IDENTIFICATION.			visual	OK	OK	OK	OK	OK	OK	OK	✓	
6	KEYING OPTION B NOT PREFERRED FOR NEW APPLICATIONS.			visual	OK	OK	OK	OK	OK	OK	OK	✓	
7	PACKING: CONNECTOR ASSEMBLIES BULK PACKED IN CARDBOARD BOXES.				NOTED PER APQP TEAM						✓		
8	REFERENCE TE INSTRUCTION SHEET 408-32052.				NOTED PER APQP TEAM						✓		

CONCLUSION:												
TOTAL # OF FEATURES					24							
LESS BASIC DIMENSIONS					0							
LESS REFERENCE DIMENSIONS					0							
REPORTED DIMENSIONS					24							
# DIMENSIONS IN TOLERANCE					24							
# DIMENSIONS OUT OF TOLERANCE					0							
% DIMENSION IN TOLERANCE					100.0%							
% DIMENSION OUT OF TOLERANCE					0.00%							

March 2006 CFG-1003	SIGNATURE Daniel Zazueta	TITLE Metrology Chief	DATE MAR-17-2019
--------------------------	------------------------------------	---------------------------------	----------------------------



Section 10

Material, Performance Test Results

219678149

Certificate of Analysis

Customer:	Product Number	: 55558828
	Product Name	: ULTRAMID® A3EG7 BLACK 23189 POLYAMIDE
TE CONNECTIVITY CORPORATION 719 PEGG RD, BLDG 253 GREENSBORO NC 27409-9672	Vehicle	:
	Batch/Lot	: 0207494953
	Manuf.Date	: Sep-14-2018
Attention:	Shipped Date	: Sep-17-2018
FAX:	Shipped Quantity	: 20,412.000 KG
Cust Prod: 702661-9	Delivery Date	: Sep-18-2018
Cust Prod Name: ULT.A3EG7 BK23189	Order Number	: 116337334 000010
Cust P.O.: 2705678146		
Cust P.O. Line: 1	Delivery Note	: 129486338 000010
Inspection Certificate 3.1 according to EN 10204		

Characteristic	Result	UOM	----Specification----		Test Method
			Minimum	Maximum	
Ash / Filler Content	33.967	%	33.000	37.000	ASTM5630/ISO3451
Moisture Content	0.05	%		0.15	ASTM D6869 / ISO 15512B
Viscosity Number for Polyamides	138	ml/g	130	160	ISO 307

Comments :

Results shown are the means of individual test values determined on samples taken during production of the lot specified.

This product is approved for the following specifications:

MS-DB41 CPN 2224
MS-DB41 CPN 3695
M5600
M53122

The information contained herein is based either on analytical tests of samples or on statistical process data; it is intended solely for purposes of comparison with the established specifications for the product. Warranties of the product are exclusively as set forth in the applicable contract documents.

Certificate of Analysis

Certificate Type:

 Insp. certificate "3.1" EN
 10204

Date printed: MAY/14/2018

 TE CONNECTIVITY
 8000 PIEDMONT TRIAD PARKWAY
 North Carolina
 27409
 GREENSBORO
 USA

Shipped from details:
 SABIC INNOVATIVE PLASTICS US LLC
 1 LEXAN LN
 47620-0000
 MT. VERNON
 USA

Material Number	22021926
Material Description	508R-RD3E204-OCT-00-00-00
Material Group	VALOX™ resin
Batch Number	0007370160
Manufacturing Plant	Mt. Vernon
Manufacturing Date	MAR/14/2018
Sales Order	2328381
Delivery	89694433
Customer PO Number	2703975940
Customer Material Number	1-703566-3

Characteristic	Unit	Value	Lower Limit	Upper Limit	Inspection method
GLASS CONTENT	%	29.0	28.0	32.0	ASTM D5630
METAL CONTAMINATION	-	Pass	-	-	SABIC
MVR 250°C @2.16KG	CC/10'	7.3	6.0	9.7	ISO 1133
SPECIFIC GRAVITY		1.47000	1.470	1.540	ASTM D792
TENSILE MODULUS	MPa	9489.00	8154.0		ISO 527
TENSILE STRENGTH @BREAK	MPa	134.650	95.0		ISO 527
HDT FW 1.80MPa 4.0MM	°C	182.500	145.0		ISO 75-1,2
DENSITY	g/cm3	1.47000	1.470	1.530	ISO 1183
CHARPY NOTCH 23°C	kJ/m2	10.6000	10.0		ISO 179

The results in bold/italics are audit tests, latest done on 04/13/2018.

General Note : This document is computer generated and does not require a signature

Contact information can be found on www.SABIC.com.

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Certificate of Analysis

Certificate Type:

Insp. certificate "3.1" EN

10204

Date printed: MAY/14/2018**TE CONNECTIVITY**

8000 PIEDMONT TRIAD PARKWAY

North Carolina

27409

GREENSBORO

USA

Shipped from details:

SABIC INNOVATIVE PLASTICS US LLC

1 LEXAN LN

47620-0000

MT. VERNON

USA

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*** End ***

Section 11

Initial Process Studies

Fit, form and function will not be affected, CPK is not applicable also because the dimensional plane not showing any special characteristics.



Section 12

Qualified Laboratory Documentation



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

TE Connectivity - Empalme
Carretera Internacional Km. 1969 Guad-Nog. Km.2
Sonora, C.P. 85340, Mexico

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the fields of

CALIBRATION & TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations / tests to which this accreditation applies.

ACT-1173

Certificate Number



ANAB Approval

Certificate Valid: 04/24/2018-05/03/2019
Version No. 004 Issued: 04/24/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TE Connectivity - Empalme

Carretera Internacional Km.1969 Guad-Nog. Km.2,
 Sonora, C.P. 85340, Mexico
 Daniel Zazueta 011-622-225-1174

CALIBRATION & TESTING

Valid to: **May 3, 2019**

Certificate Number: **ACT-1173**

Mechanical Testing

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Force (0 to 200) lbf	Equipment Manual	Wiring Harnesses, Plastic and Metal Automotive Components	Force Gage
Mass (0 to 4) kg	Equipment Manual	Plastic and Metal Automotive Components	Scales
Moisture Content 45 g (50 to 200) °C	Work Instruction AEW021T-LB, Equipment Manual	Plastic Automotive Components	Ohaus MB 45 Moisture Analyzer
Melt Flow Rate	Work Instruction AEW022T-LB based on ASTM D1238, Equipment Manual	Plastic Automotive Components	Extrusion Plastometer Oven

Dimensional Measurement/Testing

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Dimensions 210 mm (X) 215 mm (Y) 100 mm (Z)	ASME Y14.5M, Engineering Drawing, Equipment Manual	Plastic and Metal Automotive Components	Vision Systems
Dimensions Up to 50 mm	ASME Y14.5M, Engineering Drawing, Equipment Manual	Plastic and Metal Automotive Components	Digital Height Indicator

Dimensional Measurement/Testing

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Dimensions Up to 0.8 mm	ASME Y14.5M, Engineering Drawing, Equipment Manual	Plastic and Metal Automotive Components	Dial Test Indicator
Dimensions Up to 200 mm	ASME Y14.5M, Engineering Drawing, Equipment Manual	Plastic and Metal Automotive Components	Calipers
Dimensions Up to 25.4 mm	ASME Y14.5M, Engineering Drawing, Equipment Manual	Plastic and Metal Automotive Components	Micrometers
Dimensions 609 mm (X) 609 mm (Y) 457 mm (Z)	ASME Y14.5M, Engineering Drawing, Equipment Manual	Plastic and Metal Automotive Components	CMM
Dimensions Up to 8 m	ASME Y14.5M, Engineering Drawing.	Wiring Harnesses Automotive Components	Steel Measuring Tapes
Dimensions Up to 1 220 mm	ASME Y14.5M, Engineering Drawing.	Wiring Harnesses Automotive Components	Steel Rule

Length – Dimensional Metrology

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-) ¹	Reference Standard, Method and/or Equipment
Steel Measuring Tapes	Up to 8 m	0.32 mm / 50 cm	Digital Scale Work Instruction AEW001T-LB Tyco Spec 117-95 Calibration Steel Measuring Tapes. JIS B 7512 (1993)
Steel Rules	Up to 1 220 mm	0.060 mm / 50 cm	Master Height Gage Digital Scale Work Instruction AEW001T-LB Tyco Spec. 117-94 Calibration Steel Rules, JIS B 7516 (1987)
Granite Surfaces Plates Repeatability Resolution 0.00001 in	(12 x 18) in to (40 x 60) in	36 µin	Mahr Repeatometer Precision Dial Indicator Work Instruction AEW002T-LB, JIS B 7513 (1992), GGG-P-463c-1973
Dial Test Indicator (lever-type)	Up to 1 mm	0.012 mm	Height Master Work Instruction AEW004T-LB, JIS B 7533 (1990), Tyco Spec 117-14 Dial Indicator, Electronic and



Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-) ¹	Reference Standard, Method and/or Equipment
Calipers	Up to 200 mm	0.023 mm	Gage Blocks Ring Gages Work Instruction AEW005T-LB, JIS B 7507 (1993), Tyco Spec 117-9 Caliper, Vernier, Dial and Digital
Micrometer	Up to 25.4 mm	0.0016 mm	Gage Blocks Grade 2 Work Instruction AEW006T-LB, JIS B 7502 (1994), Tyco Spec 117-5 Micrometer, Inch/Metric, Outside, Blade and Flange
Optical Comparator	Up to 300 mm (X,Y)	0.0046 mm	Glass Scale Work Instruction AEW007T-LB, JIS B 7184:1999, Tyco Spec 117-19 Optical Comparators
Video Comparator	Up to 300 mm (X,Y,Z)	0.0052 mm	Glass Scale Gage Blocks Work Instruction AEW007T-LB. JIS B 7184:1999
Digital Height Indicator (Travel-Type)	Up to 50 mm	0.0021 mm	Gage Blocks Work Instruction AEW008T-LB, Tyco Spec. 117-14 Dial Indicator Electronic and Mechanical

Mass

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-) ¹	Reference Standard, Method and/or Equipment
Force Gage	Up to 200 lb·f	0.12 lb·f	Master Weights Work Instruction AEW003T-LB, Tyco Spec 117-70 Force Gages
Scales (0.01 g Resolution)	(0 to 4) kg	0.45 g	Master Weights Class OIML M3 & ASTM 6 Work Instruction AEW013T-LB, NOM-010-SCFI-1994

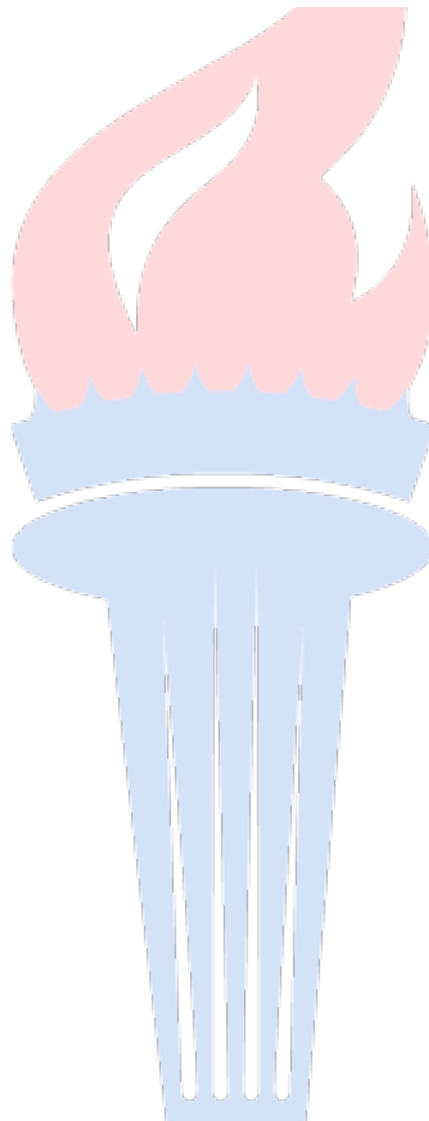
Notes:

1. Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.

2. L in uncertainties represents length in inches.
3. The uncertainty associated when calibrating a balance/scale is dependent on local conditions, such as the resolution of the unit being calibrated and the environment in which the balance/scale is operating. The uncertainty listed in the scope here represents the best uncertainty for a balance/scale which the organization typically calibrates in its lab. Since field (on-site) conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected in the field (on-site) than what is reported on the accredited scope.
4. This scope is formatted as part of a single document including the Certificate of Accreditation No. ACT-1173.



Vice President



Certificate of Registration

QUALITY MANAGEMENT SYSTEM - IATF 16949:2016

This is to certify that:

TE Connectivity
Global Automotive Division
Americas North
Carretera Internacional, KM 1969
Guadalajara-Nogales Km 2
Empalme
Sonora
85340
Mexico

operates a Quality Management System which complies with the requirements of IATF 16949:2016 for the following scope:

Design and manufacture of electrical interconnecting devices.

For and on behalf of BSI:



Carlos Pitanga, Chief Operating Officer Assurance – Americas

BSI Certificate Number: 514458-003

IATF Number: 0315420



Certification Date: 2018-07-11

Latest Issue: 2018-07-11

Page: 1 of 2

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Expiry Date: 2021-07-10

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To be read in conjunction with the scope above or the attached appendix.

Further clarifications regarding the scope of this certificate and the applicability of IATF 16949 requirements may be obtained by consulting the organization.

IATF Contracted Office: BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.

Location

TE Connectivity
Global Automotive Division
Americas North
Carretera Internacional, KM 1969
Guadalajara-Nogales Km 2
Empalme
Sonora
85340
Mexico

Registered Activities

Manufacture of interconnecting devices.

Including the following remote support functions:

TE Connectivity
Global Automotive Division
Americas North
900 Wilshire Boulevard
Suite 150
Troy, MI 48084
Design and Development.

TE Connectivity
Global Automotive Division
Americas North
Fulling Mill Road
Middletown, PA 17057
Design and Development, Product Testing and Customer Service.

TE Connectivity
Global Automotive Division
Americas North
3800 Reidsville Road
Winston-Salem, NC 27102
Design and Development, Product Testing and Calibration, Business Office (Quote Process) and Purchasing.

TE Connectivity
Global Automotive Division
Americas North
20 Esna Park Drive
Markham, Ontario
L3R 1E1 Canada
Design and Development and product testing (optics lab)

TE Connectivity
Global Automotive Division
Americas North
2100 Paxton Street
Harrisburg, PA 17111
Provision of Product Testing to TE Connectivity Manufacturing Sites.

TE Connectivity North Carolina
Distribution Center
8000 Piedmont Triad Parkway
Greensboro, North Carolina 27409
Receiving Inspection, Storage / Inventory.

BSI Certificate Number: 514458-003

IATF Number: 0315420



Certification Date: 2018-07-11

Latest Issue: 2018-07-11

Expiry Date: 2021-07-10

Page: 2 of 2

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Section 13

Appearance Approval Report

Not Applicable



Section 14

Sample Product

**Sent in separate package
(if required)**



Section 15

Master Sample

Retained at manufacturing location



Section 16

Checking Aids

Not Applicable



Section 17

Records of Compliance with Customer-Specific Requirements

MDS Report

Substances of assemblies and materials

This report is for internal Automotive industry use only. Distribution to non-Automotive clients is a violation of the Terms of Use, and is not permitted unless a written permission was given by DXC Technology. Parsing is not allowed.

1. Company and Product Name

1.1 Supplier Data

Name ID : **Tyco Electronics GAD
[913]**

DUNS Number: -

Street/Postal Code: **Amperestr. 12-14**

Nat./ZipCode/City: **DE 64625 Bensheim**

Supplier Code: -

Contact Person: **IMDS Team (India)
Engineering Services**

- Phone: -

- Fa[☐]No.: -

- E-Mail Address: **imds@te.com**

1.2 Product Identification

Part/Item No.: **0-2035363-4**

Description: **6 Pos Female Unsealed
Connector Assembly
GET Generation Y**

Report No.: -

Date of Report: -

Purchase Order No.: -

Bill of Delivery No.: -

Preliminary MDS: **No**

IMDS ID / Version: **266173983 / 16**

Node ID: **748962202**

MDS Status (Change Date): **Internally released
(06/08/2018)**

MDS Report

Substances of assemblies and materials

Materials which are subject to legal prohibitions must not be included!
 Dangerous substances formed or released during use must also be declared
 Please note: GADSL list for substances that require declaration

2. Characterization of the Component

Part/Item No.: **0-2035363-4** Report No.: **-**
 Description: **6 Pos Female Unsealed Connector Assembly GET Generation Y** IMDS ID / Version: **266173983 / 16**
 Node ID: **748962202**

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Recyclate (Indust./Consumer) Application [ID]
1	6 Pos Female Unsealed Connector Assembly GET Generation Y	0-2035363-4	266173983 /		2.789				
├-2	6 Pos Female Housing Generation Y-Black	0-2035362-2	240548465 / 2	1	2.147				Yes
├-3	PA66-GF35	702661-	70521492 / 3		2.147			5.1.a	No

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Recyclate (Indust./Consumer) Application [ID]
└4	Further Additives, not to declare	system				0.5			
└4	GF-Fibre	-				35			
└4	Carbon black	1333-86-4				0.5			
└4	PA66	-				64			
└2	Female Spacer 6 Pos (1□6) Generation Y-Red	0-2035361-1	240548380 / 5	1	0.326				Yes
└3	PBT□PC-GF30	1-703566-3	553590750 / 1		0.163			5.1.a	No
└4	PBT□PC	-				66.23431	60 - 70		
└4	GF-Fibre	-				28.117155	25 - 30		
└4	Further Additives, not to declare	system				1.870293	0 - 3		
└4	Pigment portion, not to declare	system				1.870293	0 - 3		
└4	Zinc sulphide	1314-98-3				1.90795	0.1 - 3	D / P	
└3	PBT GF30	702350-4	171051013 / 2		0.163			5.1.a	No
└4	PBT	-				69.431579	68 - 72		
└4	GF-Fibre	-				29.431579	28 - 32		
└4	Further Additives, not to declare	system				0.665263	0.2 - 1.5		
└4	Pigment portion, not to declare	system				0.271579	0.2 - 0.4		
└4	Zinc sulphide	1314-98-3				0.2		D / P	
└2	GET, CPA Unsealed - Red	8-1419168-4	3659595 / 28	1	0.316				Yes
└3	PBT-GF20	18618-2 □ 702998-5	485544084 / 2		0.316			5.1.a	No

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Recyclate (Indust./Consumer) Application [ID]
└4	PBT GF20	18618-2	626461 / 5			98		5.1.a	
└5	GF-Fibre	-				19.4	18 - 22		
└5	Further Additives, not to declare	system				1.2	0.5 - 2.5		
└5	PBT	-				79.4	78 - 82		
└4	PE Colour	0-0702998-5	174083055 / 4			2		5.1.b	
└5	PE-LD	-				70			
└5	Pigment portion, not to	system				10			
└5	C.I. Solvent Red 135	20749-68-2				10			
└5	Chrome antimony titanium buff rutile	68186-90-3				10			

This is an uncontrolled copy of a document created by IMDS. End of the report.



Section 18

Part Submission Warrant



Part Submission Warrant

Part Name 1X6 GENERATION Y ASSY KEYC CPA Cust. Part Number 82Y8193
 Shown on Drawing No. C-2035363 Org. Part Number 2035363-4
 Engineering Change Level B4 Dated Aug 31, 2018
 Additional Engineering Changes N/A Dated N/A
 Safety and/or Government Regulation Yes No Purchase Order No. N/A Weight (kg) 0.0027
 Checking Aid Number N/A Checking Aid Engineering Change Level N/A Dated N/A

ORGANIZATION MANUFACTURING INFORMATION

TE Connectivity / 588115092
 Supplier Name & Supplier/Vendor Code
Carretera Int. Km. 1969 Guadalajara-Nogales Km. 2
 Street Address
Empalme Sonora 85340 México
 City Region Postal Code Country

CUSTOMER SUBMITTAL INFORMATION

Newark Electronics
 Customer Name/Division
Various
 Buyer/Buyer Code
Various
 Application

MATERIALS REPORTING

Reporting of all materials, not just Substances of Concern, may be required by certain OEMs or other customers.
 Has customer-required Substances of Concern information been reported? Yes No
 Submitted by IMDS or other customer format: 266173983 / 16
 Are polymeric parts identified with appropriate ISO marking codes? Yes No N/A

REASON FOR SUBMISSION

- Initial submission
- Engineering Change(s)
- Tooling: Transfer, Replacement, Refurbishment, or additional
- Correction of Discrepancy
- Tooling Inactive >than 1 year
- Change to Optional Construction or Material
- Sub-Supplier or Material Source Change
- Change in Part Processing
- Parts produced at Additional Location
- Other - please specify

REQUESTED SUBMISSION LEVEL (Check one)

- Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.
- Level 2 - Warrant with product samples and limited supporting data submitted to customer.
- Level 3 - Warrant with product samples and complete supporting data submitted to customer.
- Level 4 - Warrant and other requirements as defined by customer.
- Level 5 - Warrant with product samples and complete supporting data reviewed at supplier's manufacturing location.

SUBMISSION RESULTS

The results for dimensional measurements material and functional tests appearance criteria statistical process package
 These results meet all design record requirements: YES NO (If NO "C-Explanation Required)
 Mold / Cavity / Production Process Assembly Process

DECLARATION

I affirm that the samples represented by this warrant are representative of our parts, which were made by a process that meets all Production Part Approval Process Manual 4th Edition Requirements. I further affirm that these samples were produced at a production rate of TE Property /24 hours. I also certify that the documented evidence of such compliance is on file and available for review. I have noted any deviation from the declaration below.

EXPLANATION/COMMENTS: P-18-016097. Rate is TE Property.

Is each Customer Tool properly tagged and numbered Yes No N/A

Organization Authorized Signature Julia Avilés Date 27-Mar-2019

Print Name Julia Avilés Phone No. +52 (662) 500 36 80 Fax No. N/A

Title PPAP Technician E-mail julia.avilez@te.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)
 Part warrant Disposition: Approved Rejected Other

Customer Signature _____ Date _____

Print Name _____ Customer Tracking Number (optional) _____

Section 18a

Bulk Material Requirements

Not Applicable