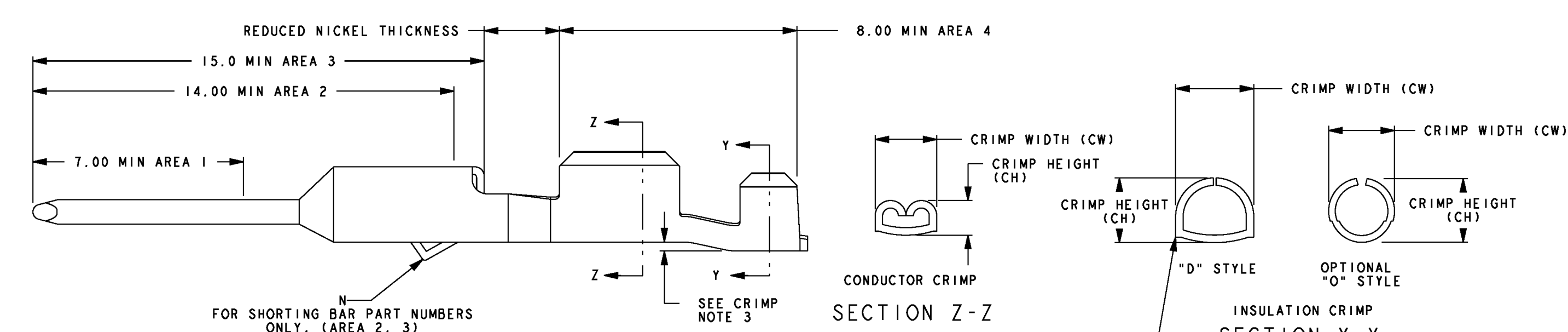
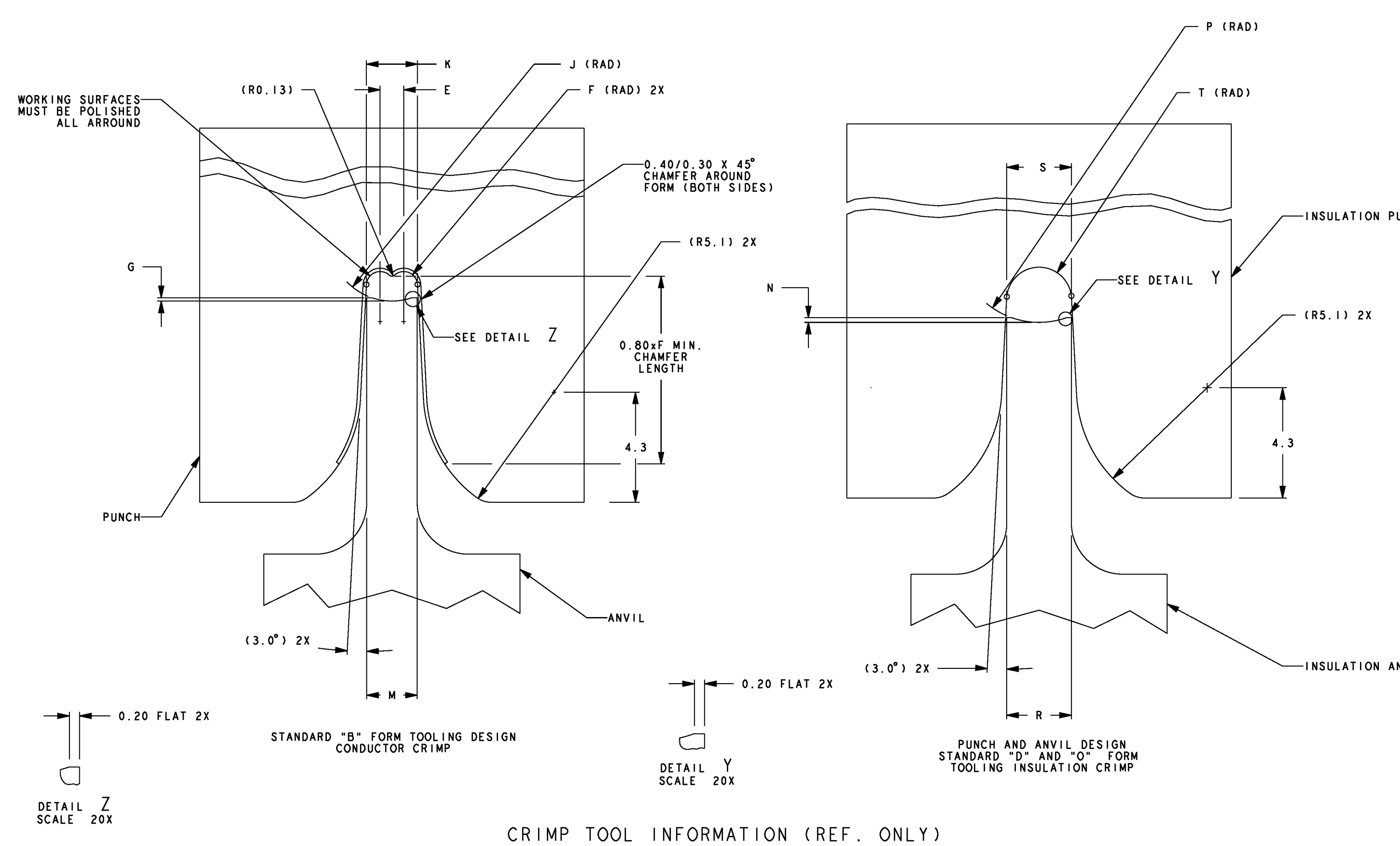


TIN ALL OVER	PART NUMBER				GRIP CODE	WIRE SIZE	CONDUCTOR CH (SECT Z-Z, +/-0.05)		CONDUCTOR CW (SECT Z-Z, +/-0.10)		INSULATION CH (SECT Y-Y, +/-0.10)		INSULATION CW (SECT Y-Y, +/-0.10)	
	AREA 1 (IN-LINE)	AREA 2 (SHORTING BAR)	AREA 1 (IN-LINE)	AREA 2 (SHORTING BAR)			Z-Z	Y-Y	Z-Z	Y-Y	Z-Z	Y-Y	Z-Z	Y-Y
54001626	54001628	54001629	54001633	54001634	16	16	1.20	2.05	2.45	2.60	1.15	2.05	2.15	2.60
54002001	54002003	54002004	54002008	54002009	20	20	1.95	1.65	2.00	2.40	1.05	1.65	1.80	2.40



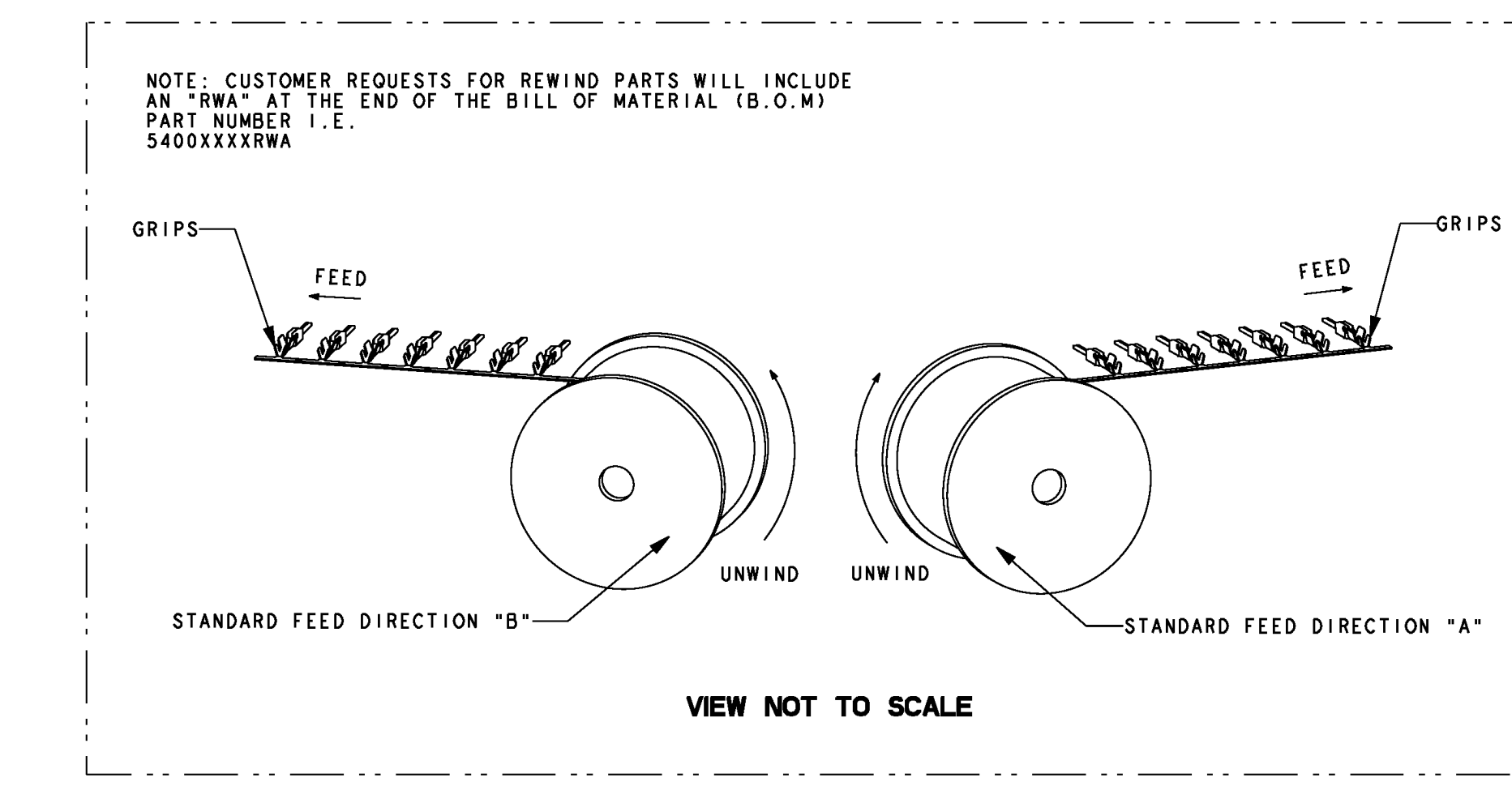
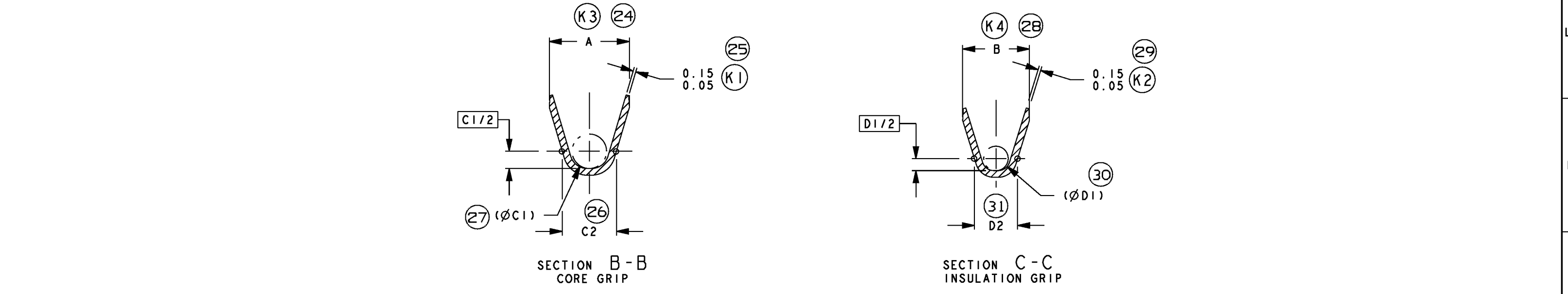
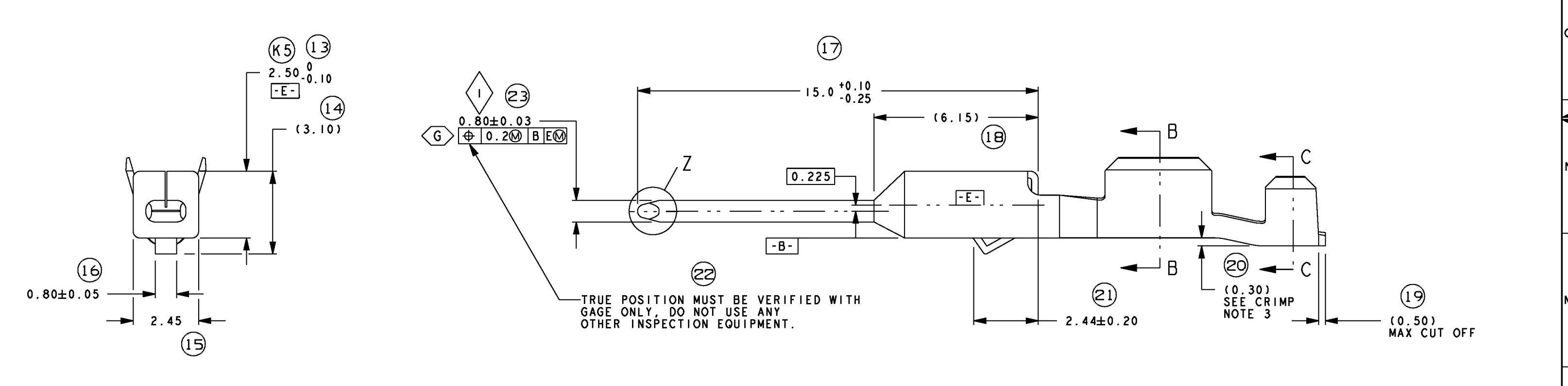
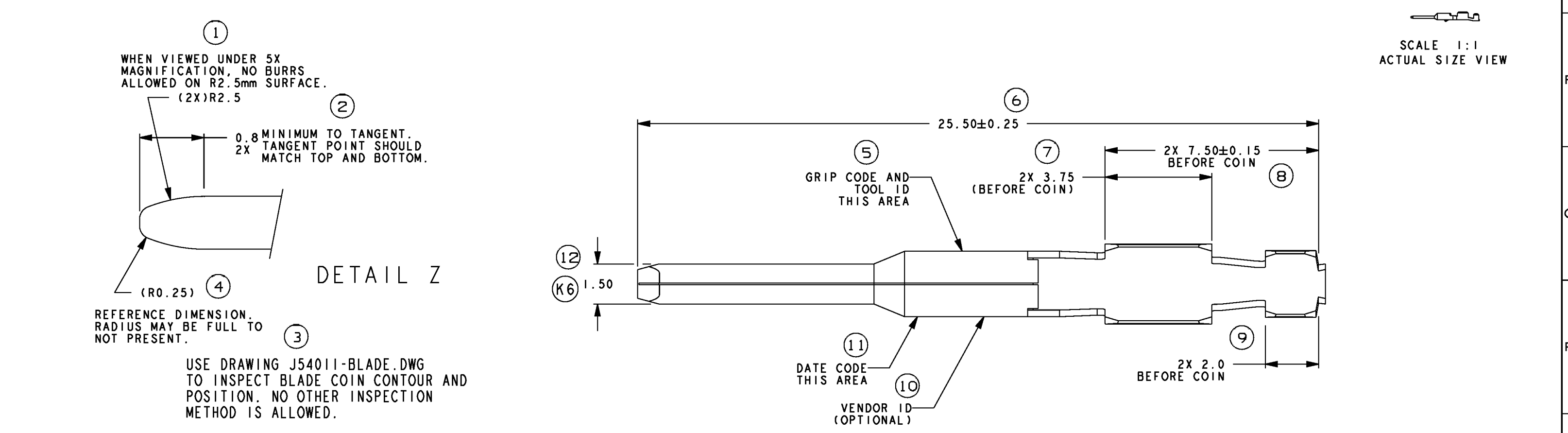
MATERIAL	PLATING TYPE/PROCESS	THICKNESS	APPLICABLE SPEC.	PLATING AREA
TYPE 1 TIN	100% ELECTROMATTE TIN	0.0012 - 0.0026	NONE	ALL OVER
TYPE 2 PALLADIUM OR GOLD	a) SULFAMATE DUCTILE NICKEL	0.00127 - 0.0028 (MEASURED AT POINT N FOR AREA 2, 3)	ASTM B 689-90 TYPE 2	#3
	b) NICKEL FLASH	0.000127 MAX	ASTM B 689-90 TYPE 2	#4
	c) 100% PURE ELECTROMATTE TIN (POST PLATED)	0.0012 - 0.0026	NONE	#4
	d) PALLADIUM OPTION GOLD FLASH - 99% PURE PER ASTM B480 TYPE 2 CODE C OVER PALLADIUM	PD - 0.000508 MIN AU - 0.000551 MIN (MEASURED AT POINT N FOR AREA 2, 3)	ASTM B 488-95	#1 OR #2 SEE P/N
e) GOLD OPTION GOLD - 99% PURE PER ASTM B480 TYPE 2 CODE C	AU - 0.00076 MIN (MEASURED AT POINT N FOR AREA 2, 3)	ASTM B 488-95	#1 OR #2 SEE P/N	

PLATING NOTES:  
 1. TIN PLATE NOT TO OVERLAP PRECIOUS METAL  
 2. TIN AND NICKEL OVERLAP IS NECESSARY TO AVOID EXPOSURE OF BARE METAL



CRIMP TOOL INFORMATION (REF. ONLY)

TIN ALL OVER	PART NUMBER				GRIP CODE	WIRE SPECIFICATION	CRIMP TOOL DIMENSIONS (E-T)																		
	AREA 1 (IN-LINE)	AREA 2 (SHORTING BAR)	AREA 1 (IN-LINE)	AREA 2 (SHORTING BAR)			A	B	(ØC1)	C2	(ØD1)	D2	E +/- 0.02	F +/- 0.02	G +/- 0.02	H +/- 0.02	I +/- 0.02	J +/- 0.02	K +/- 0.02	M +/- 0.02	N +/- 0.02 FOR 'D' STYLE	N +/- 0.02 FOR 'O' STYLE	P +/- 0.02 FOR 'O' STYLE	P +/- 0.02 FOR 'O' STYLE	R +/- 0.02
54001626	54001628	54001629	54001633	54001634	16	ESB-MIL123-A/MS 8298	3.0	3.7	1.00	1.6	1.75	2.4	0.92	0.53	0.13	2.56	1.99	1.97	0.18	0.67	2.34	1.15	2.52	2.53	1.23
54002001	54002003	54002004	54002008	54002009	20	ESB-MIL123-A/MS 8298	2.5	3.1	0.76	1.4	1.40	2.0	0.74	0.43	0.09	2.06	1.59	1.59	0.16	0.60	2.16	1.10	2.33	2.33	1.17



NOTES:  
 (K) INDICATES IN-PROCESS INSPECTION FOR MANUFACTURING DIMENSIONS OR SPECIFICATION(S) : 6  
 (33) QUALITY ASSURANCE REQUIREMENTS SPC DATA REQUIRED : 1  
 (34) MUST COMPLY WITH ALL APPLICABLE REQUIREMENTS OF : SAE/USCAR-2 REV 4, SAE/USCAR-12 REV 2, SAE/USCAR-21 REV 1  
 (35) MATERIAL : 1) TIN PLATING OPTION : 0.254 +/- 0.008 C19400 0.00120, 0.0026 THICK 2) NICKEL FLASH : 0.000127 MAX 3) YIELD STRENGTH : 375 MPa MIN 4) TENSILE STRENGTH : 375 MPa MIN 5) ELONGATION IN 51MM : 2% MIN  
 (36) PALLADIUM & GOLD PLATING : SAME AS OPTION 1 EXCEPT BARE (UNPLATED)  
 (37) IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION BAGA-901 INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2. ALL NON-REFERENCE DIMENSIONS ARE REQUIRED CURRENT PRODUCTION TOOLING - POINT OF LAST RUN  
 (38) UNLESS OTHERWISE SPECIFIED : 1) PLACE DIM ±0.13 2) PLACE DIM ±0.17 ANGULAR 0.1M ±0.2  
 (39) (G) DENOTES GAGE REQUIREMENTS FOR USER AND MANUFACTURER

REV	DATE	BY	CHKD	DESCRIPTION
11083	L	11/11/11	C11	REVISED NOTE 3
11075	R	10/10/11	011	ADDED REVIEWS '2' AND RELATED NOTES
11074	R	10/10/11	009	ADDED 'O' STYLE INSULATION CRIMP AND RELATED DIMENSIONS AND NOTES
11063	J	10/10/11	M08	REVISED TRUE POSITION CALLOUT AND BASIC DIM.
10707	H3	11/11/10	N20	UPDATED 'REVISED CRIMP' REQUIREMENTS TO DIMENSION ADD A NOTE, UPDATE CRIMP TOOL TOOL
10592	H2	10/10/10	N20	ADDED NICKEL FLASH SPECIFICATIONS
10493	H1	10/10/10	Q21	ADDED REDUCED NICKEL THICKNESS SPECIFICATIONS
10396	H	10/10/10	M18	UPDATED PALLADIUM PLATING THICKNESS TO 0.000508 (20MICRONS), Q19 UPDATED PLATING DETAILS FOR AREA 1 & 4, Q21 MOVED POINT OF MEASUREMENT 'N' TO 10.16 DIMENSION M15
9987	G1	10/10/10	M18	UPDATED TRANSFER AREA NICKEL PLATING DETAILS TO BRANDING DIRECTION VIEW ADDED TO THE DRAWING

NOTES:  
 1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED: DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

PART NUMBER	REV	PLATED	REV	N/P	REV	N/P	MAT'L SPEC
54001633	L	13768448	01	AK	15520260	01	AD M6575H94
54002008	L	13783476	01	AJ	15520262	01	AD M6575H94
54002004RWA	L	15520259	01	AC	-	-	- 33500641
54002004	L	33500641	01	AD	15520262	01	AD M6575H94
54002003RWC	L	15520257	01	AC	-	-	- 13851003
54002003RWA	L	15548865	01	AA	-	-	- 13851003
54002003	L	13851003	01	AG	15520262	01	AD M6575H94
54002001RWA	L	15520256	01	AC	-	-	- 13624759
54002001	L	13624759	01	AK	-	-	- M6576H94
54001629	L	13755243	01	AJ	15520260	01	AD M6575H94
54001628RWA	L	15548863	01	AA	-	-	- 13795935
54001628	L	13795935	01	AD	15520260	01	AD M6575H94
54001626RWC	L	33162170	01	AA	-	-	- 13630404
54001626RWA	L	15520254	01	AC	-	-	- 13630404
54001626	L	13630404	01	AK	-	-	- M6576H94

DWG STATUS	DATE	STG	REV	N/P	CHKD	ZONE	REVISION HISTORY	AUTH	DR	APVD/APPV
11MR13	R	09	-	-	-	-	ALL PARTS - CLEARED REV COLUMN, UPDATED PASTE UP PRINT AND ADDED INSPECTION SYMBOLS/BALLOONS: 15520260, 15520261, 15520262, 15520265, 15520264, 13795935, 15520256, 15520257, 33500641 & 15520259 - RELEASED	421190	CGD	JAA DAB
16AP13	R	10	-	-	-	-	13768448, 13783476, 33500641, 13851003, 13755243, 13795935 - UPDATED "DELPHI P/N UNPLATED" AND MAT'L SPEC WAS M6576H94	422138	AHG	JAA DAB
08AU13	R	11	-	-	-	-	ALL PARTS - INSPECTION SYMBOL/BALLOON #17 WAS 15.0	423505	IMF	JAA BC
20AU13	R	12	-	-	-	-	15548865 - RELEASED	423622	CGD	JAA DAB
13FE14	R	13	-	-	-	-	15548863 - RELEASED	425529	CGD	CGD DAB
22AP14	R	14	-	-	-	-	33162170 - RELEASED	426313	CGD	CGD DAB
28SE15	R	15	-	-	-	-	13624759, 13630404, 13768448, 13783476, 13795935, 13851003, 15520254, 15520256-57, 15520259-60, 15520262, 33500641 - UPDATED PDM ATTRIBUTES	430918	APB	APB PDL
15JN16	R	16	-	-	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES	433395	CGD	CGD JOG

**DELPHI**  
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 WARREN, OH  
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DWG TYPE: PART DRAWING

DATE: 15-JUN-16

DR: CARLOS DELGADILLO  
 APV02: J. S. ALVARADO  
 APV03: DANIEL A. BUCCINO  
 APV04:  
 APV05:

UNLESS OTHERWISE SPECIFIED THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS MODIFIED BY THE LOCAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE SHOWN SEPARATELY, IRRESPECTIVE OF DATA REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE:

DRAWING NAME: TAXI TERM M APEX 1.5

DRAWING NUMBER: 13678140

SIZE: A0  
 SCALE: NONE  
 FRAME NO: 1 OF 1  
 SHEET NO: 1 OF 1  
 STG: R  
 N/P: 16

TOLERANCE UNLESS OTHERWISE SPECIFIED:  
 DECIMAL: ANGULAR ±2°  
 TWO PLACE SEE DRAWING  
 THREE PLACE SEE DRAWING

THIRD ANGLE PROJECTION

DO NOT SCALE  
 USE MATH DATA