

Customer Information Sheet

DRAWING No.: M50-360XX42R

SHEET 3 OF 4

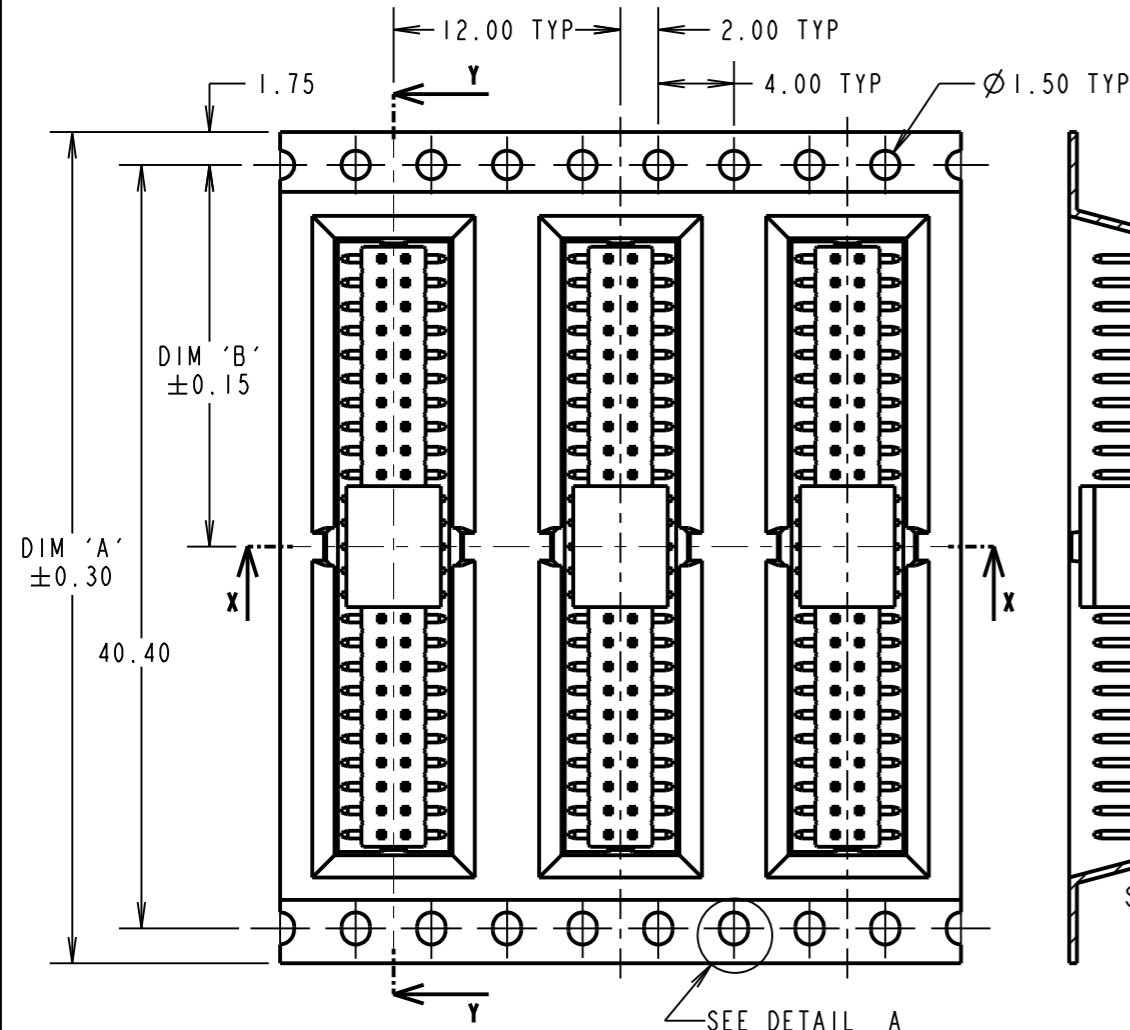
IF IN DOUBT - ASK

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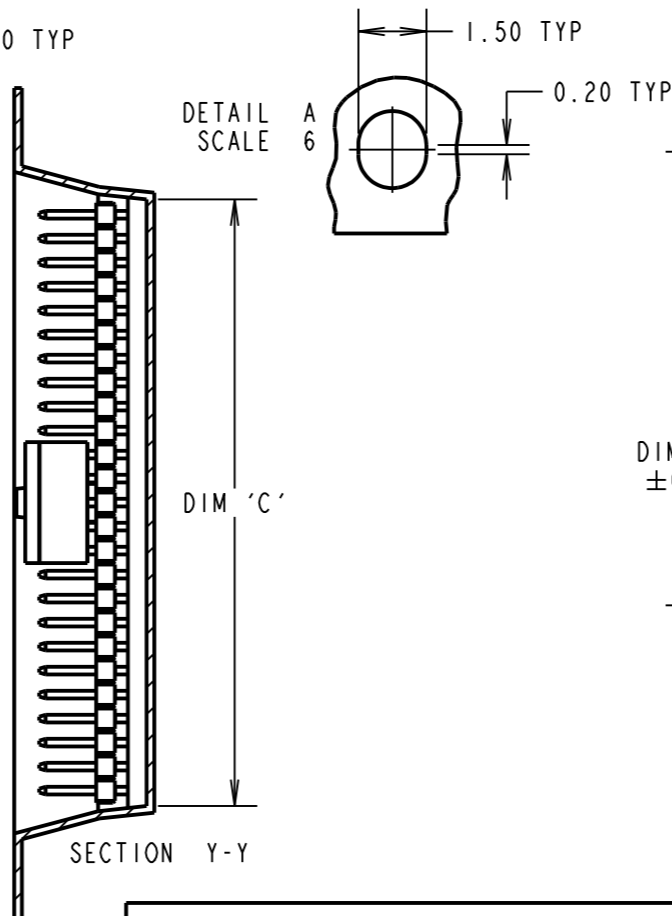
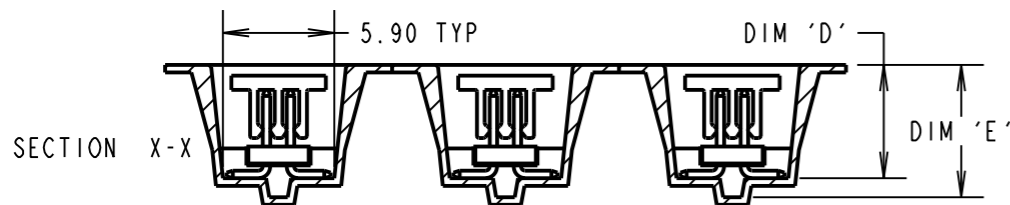
NOT TO SCALE

THIRD ANGLE PROJECTION

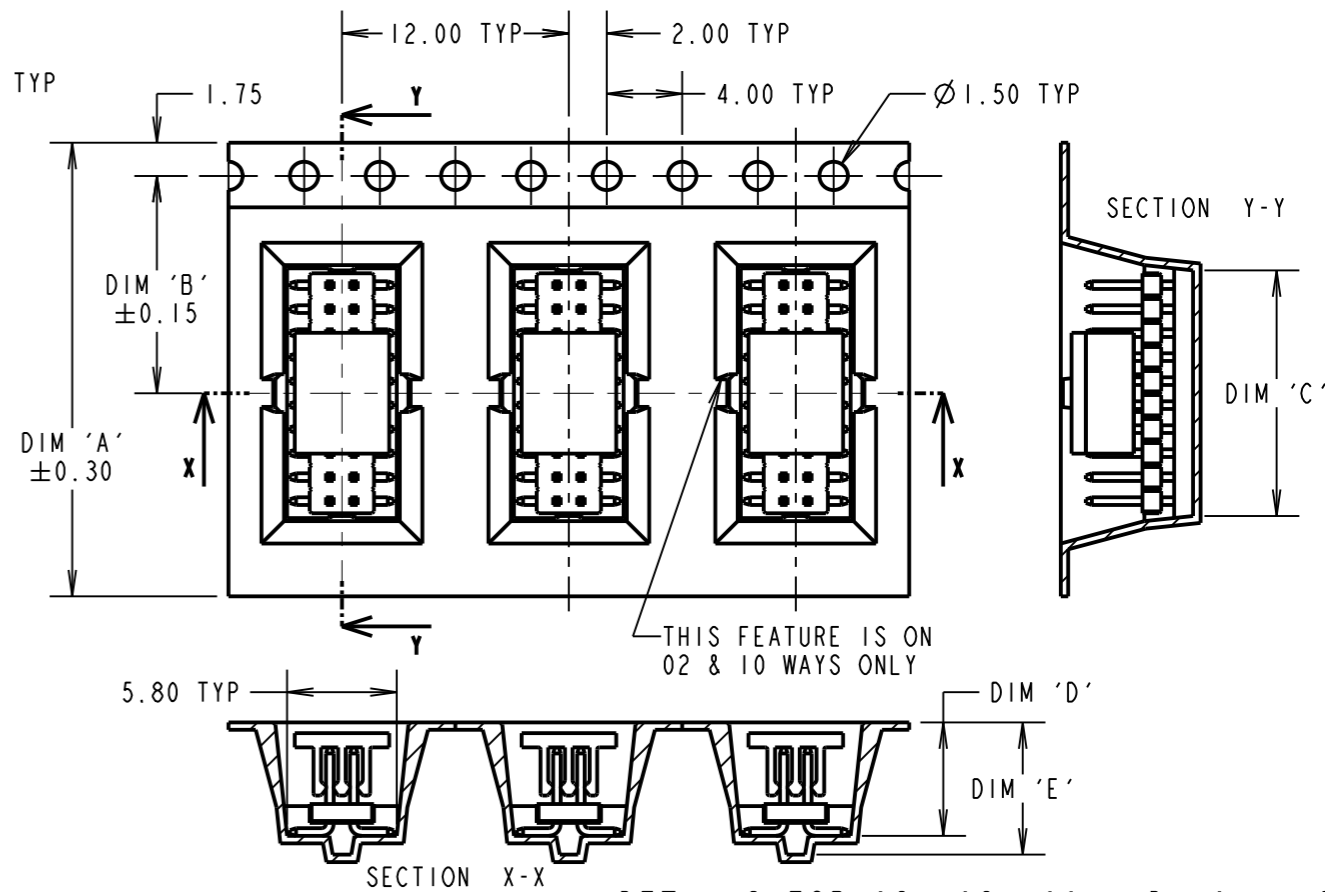
ALL DIMENSIONS IN mm



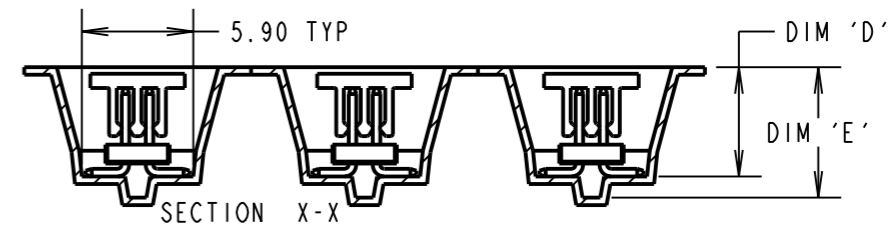
TAPE DETAILS FOR 20 & 25 WAYS



TAPE DETAILS FOR 02, 03, 04, 05, 06 & 10 WAYS



DETAILS FOR 02, 03, 06 AND 10 WAYS



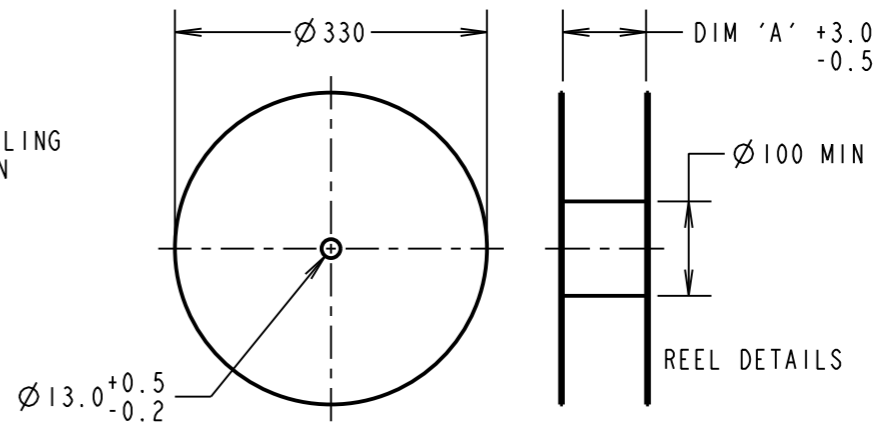
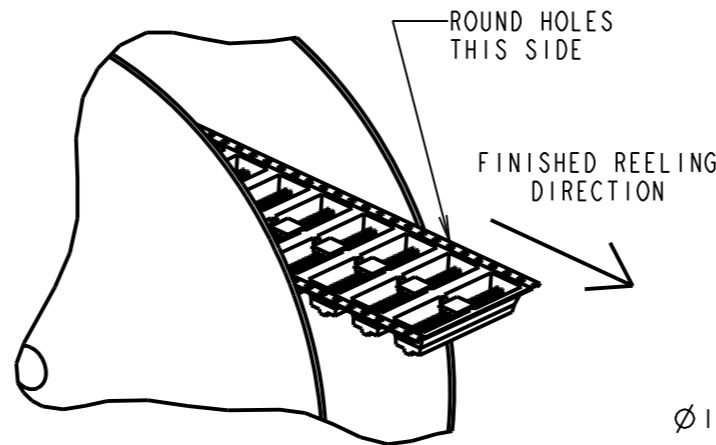
DETAILS FOR 04 AND 05 WAYS

ORDER CODE:

M50-360XX42R

No. OF CONTACTS PER ROW:
02, 03, 04, 05, 06, 10, 20, 25

FINISH:
42 = SELECTIVE GOLD & 100% TIN OVER NICKEL



REELED PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	REEL QTY
M50-3600242R	16.00	7.50	3.60	6.00	7.20	750
M50-3600342R			4.00		7.00	
M50-3600442R	24.00	11.50	5.40	5.78	6.90	800
M50-3600542R			6.65			
M50-3600642R			7.90			
M50-3601042R	44.00	20.20	13.00	6.00	7.00	750
M50-3602042R			25.70			
M50-3602542R			32.10			

- NOTES:
- CUMULATIVE TOLERANCES OVER 10 PITCHES = ±0.20mm
 - TAPE & REELING TO BE IN ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
 - FOR CONNECTOR DETAILS SEE SHEET 4.

HARWIN

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TOLERANCES
X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:
SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: 1.27mm PITCH DIL SMT VERT
LOW PROFILE SOCKET ASSY
(TAPE & REEL)

DRAWING NUMBER:
M50-360XX42R

SB	11	10.12.13	12302
NAME	ISS.	DATE	C/NOTE
APPROVED:		S. BENNETT	
CHECKED:		S. FLOWER	
DRAWN:		R. ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG.:			

Customer Information Sheet

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SHEET 4 OF 4

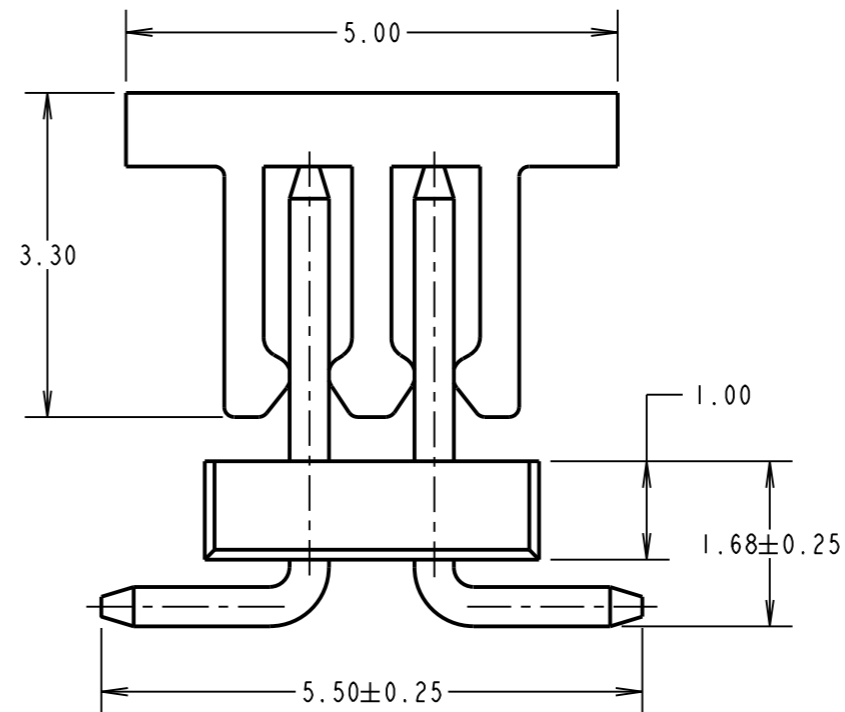
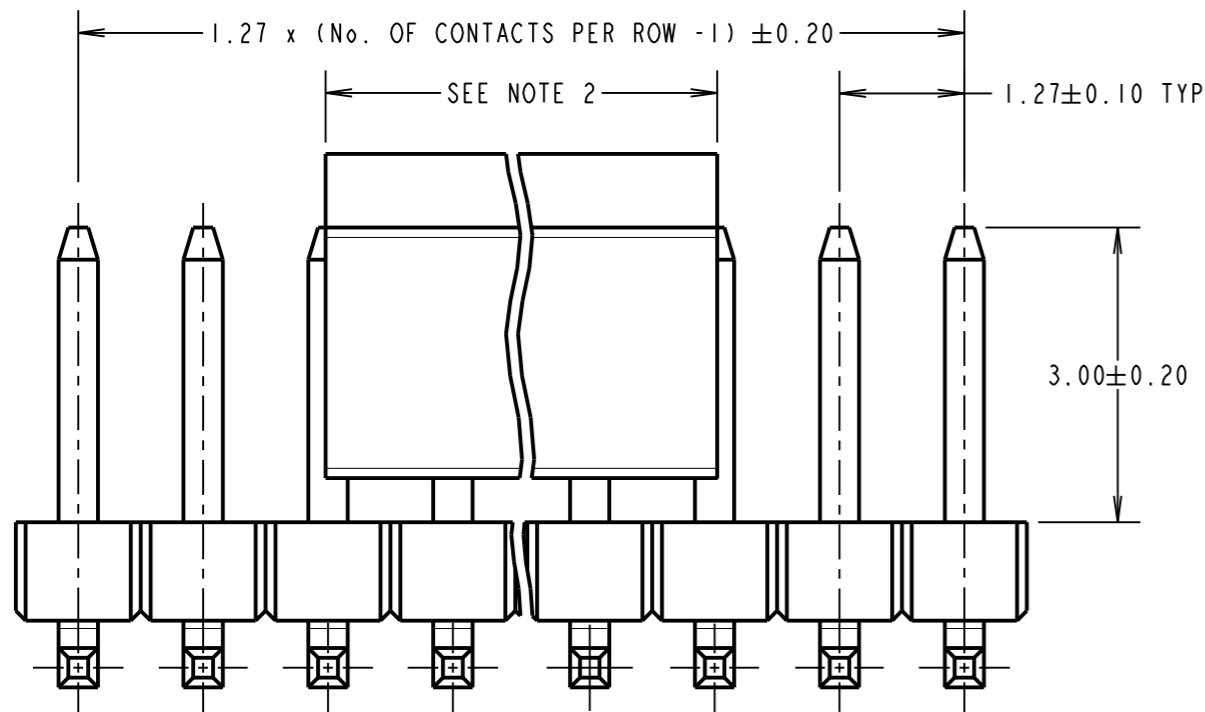
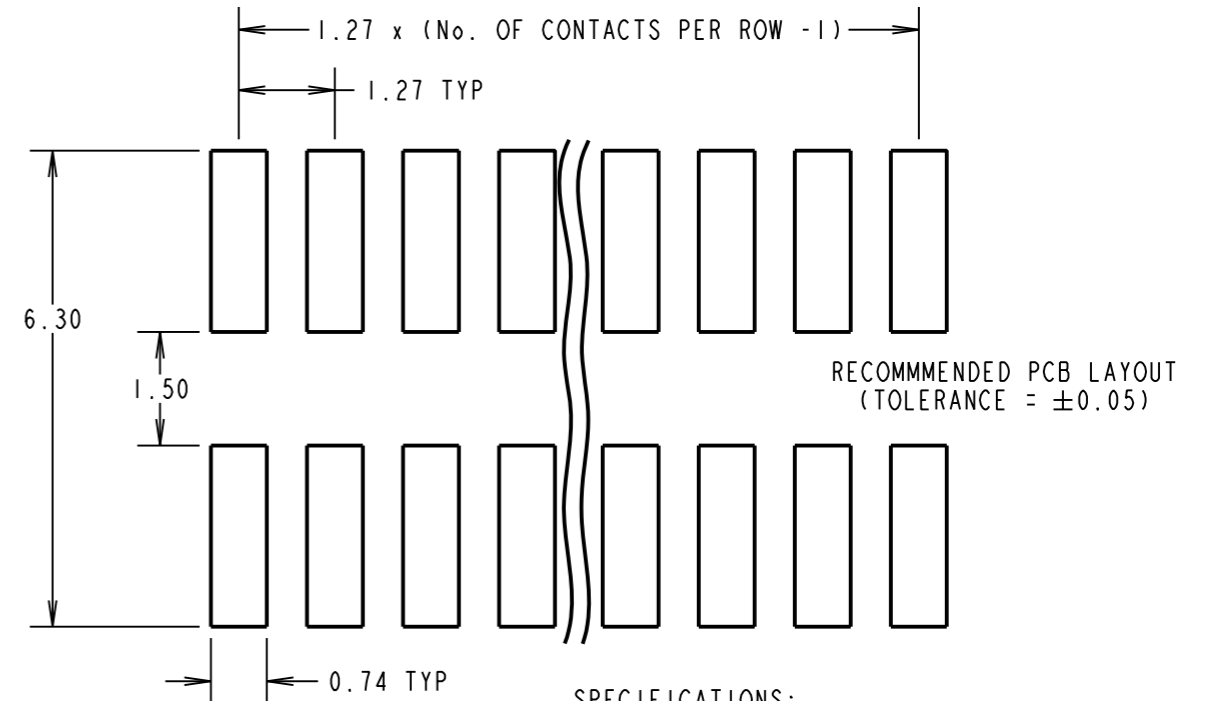
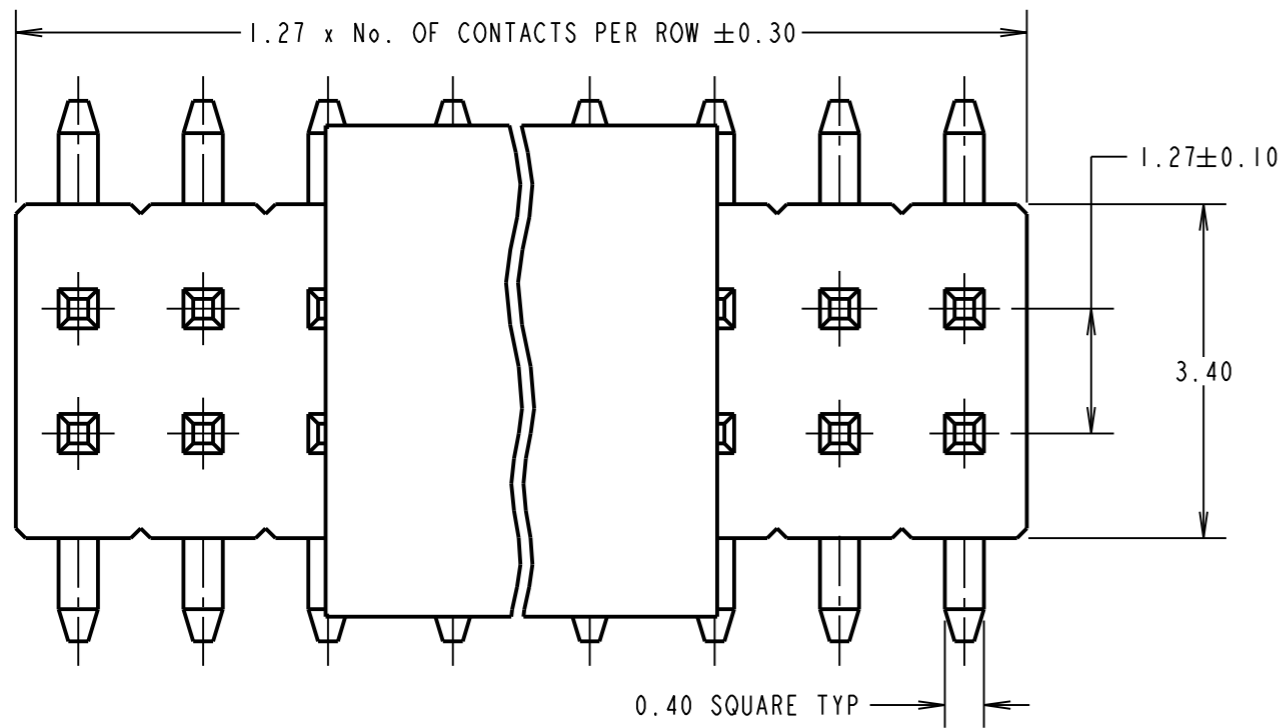
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:
 MOULDING = HIGH TEMP THERMOPLASTIC,
 UL94V-0, BLACK
CONTACTS = COPPER ALLOY
FINISH:
 CONTACTS = 0.70 TO 1.30 μ NICKEL ALL OVER,
 0.08 TO 0.15 μ GOLD ON CONTACT AREA,
 2.50 TO 3.00 μ 100% TIN ON TAILS

ELECTRICAL:
 CURRENT RATING = 1A
 CONTACT RESISTANCE = 20m Ω MAX
 INSULATION RESISTANCE = 1000M Ω MIN
 DIELECTRIC WITHSTANDING = 1000V AC FOR
 ONE MINUTE

MECHANICAL:
 DURABILITY = 300 CYCLES MIN
ENVIRONMENTAL:
 TEMPERATURE RANGE = -40°C TO +105°C

PACKING:
 BOX
 FOR COMPLETE SPECIFICATION, SEE COMPONENT
 SPECIFICATION C029XX (LATEST ISSUE)

NOTES:

- CO-PLANARITY OF TAILS FOR 02 TO 30 CONTACTS PER ROW = 0.15mm,
 31 TO 50 CONTACTS PER ROW = 0.20mm.
- PICK AND PLACE CAP LENGTH = 3.60mm FOR 02 TO 05 CONTACTS PER ROW,
 6.40mm FOR 06 TO 50 CONTACTS PER ROW.
- ALL TOLERANCES ARE ± 0.15 , UNLESS OTHERWISE STATED.
- FOR TAPE AND REEL DETAILS, SEE SHEET 3.

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FINISH: _____
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TOLERANCES
 X = ± 1 mm
 X.X = ± 0.25 mm
 X.XX = ± 0.10 mm
 X.XXX = ± 0.01 mm
 ANGLES = $\pm 5^\circ$
 UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE: 1.27mm PITCH DIL SMT VERT
 LOW PROFILE SOCKET ASSY
 (TAPE & REEL)

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SHT
 4 OF 4