

Customer Information Sheet

DRAWING No.: M50-315XX42R

IF IN DOUBT - ASK

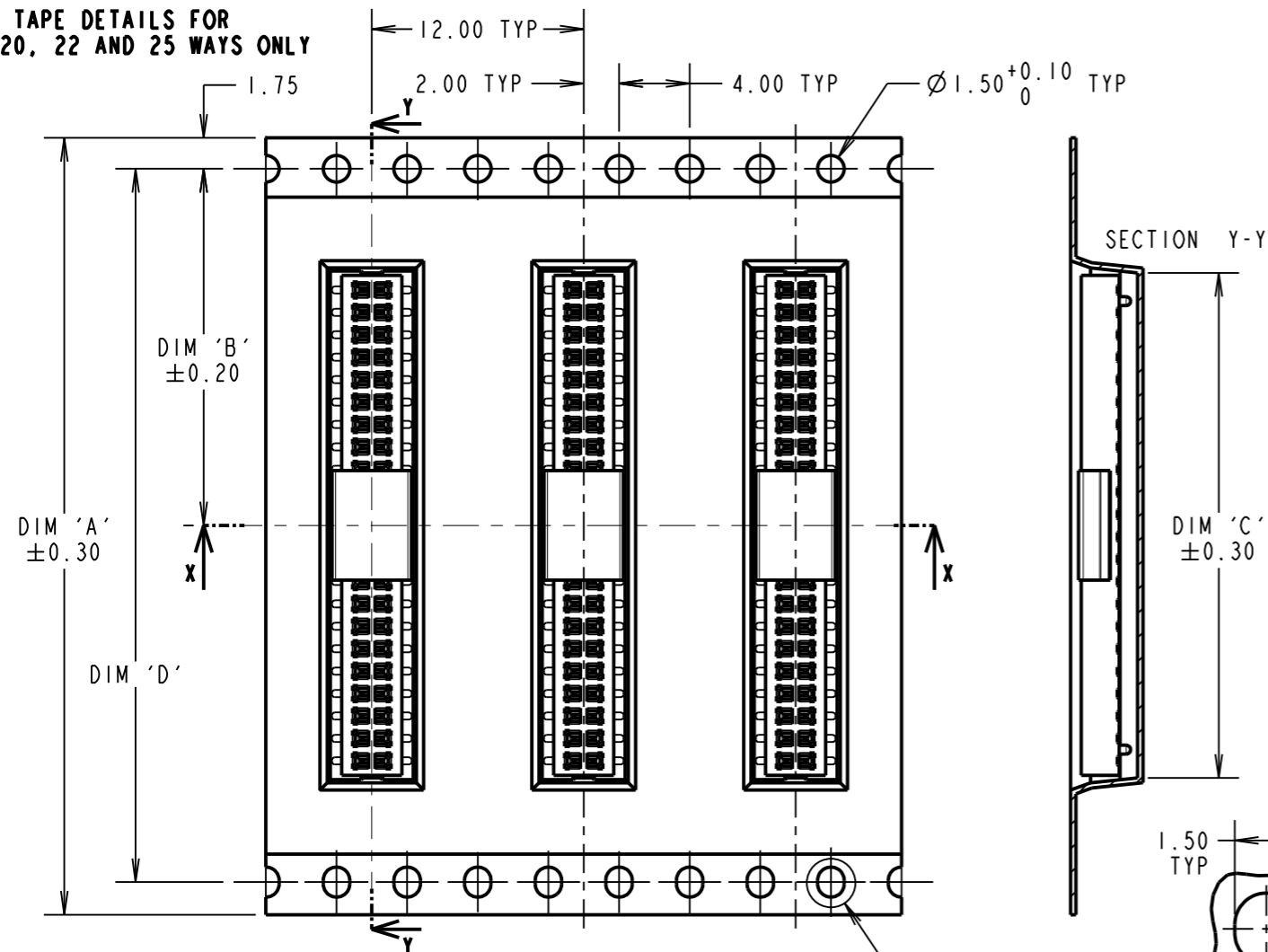
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NOT TO SCALE

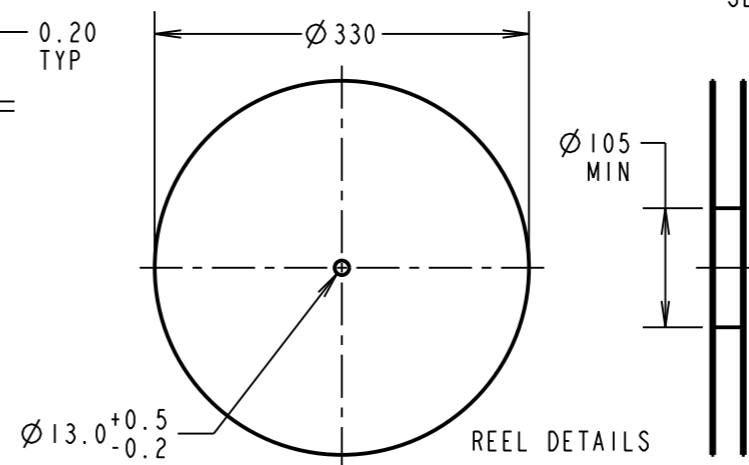
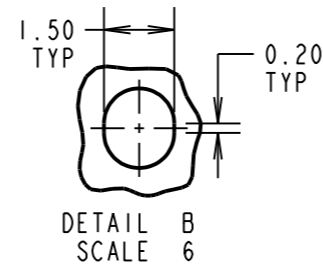
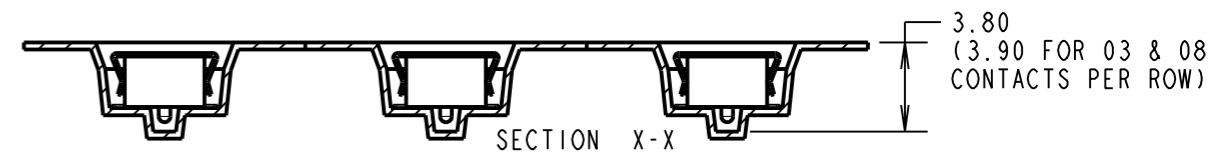
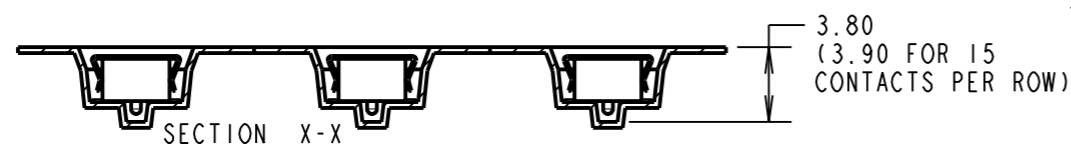
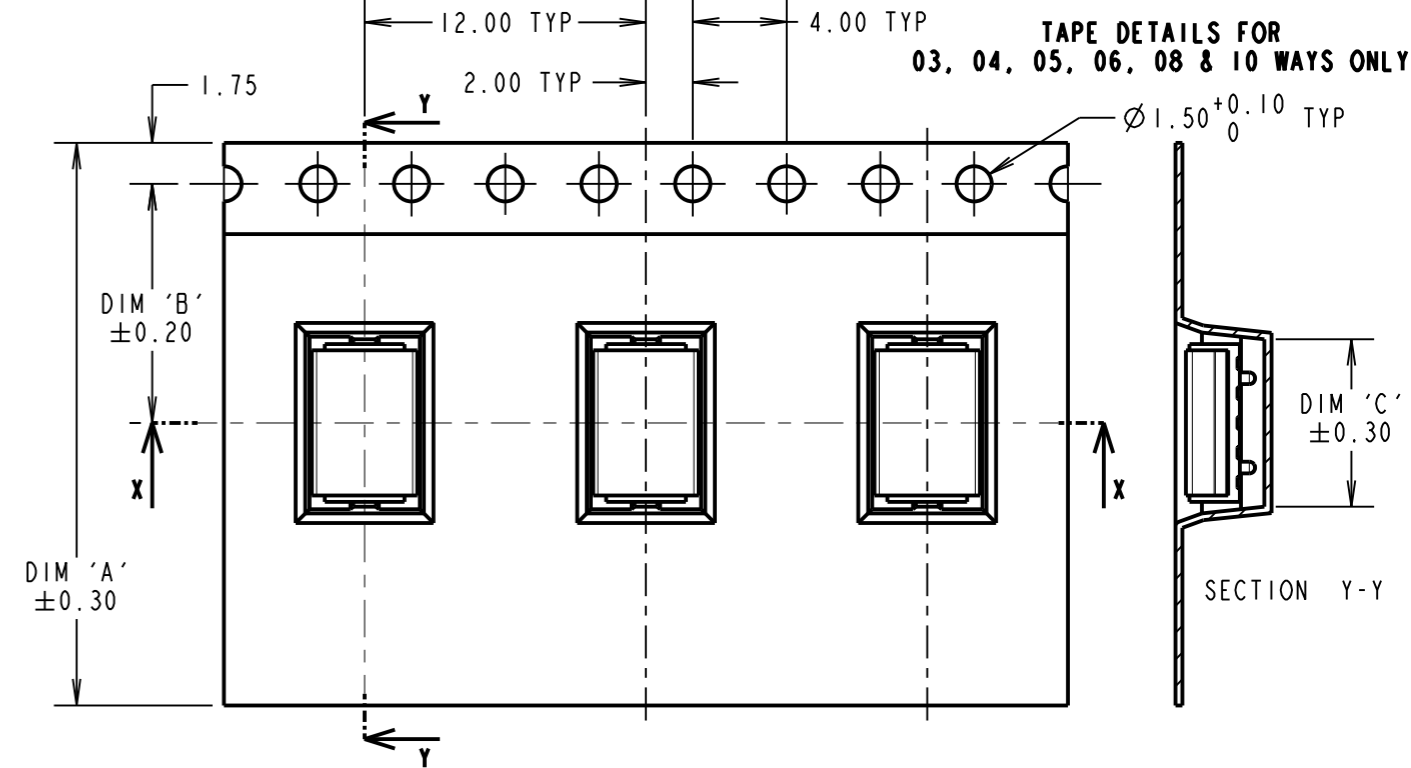
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**TAPE DETAILS FOR
15, 20, 22 AND 25 WAYS ONLY**



**TAPE DETAILS FOR
03, 04, 05, 06, 08 & 10 WAYS ONLY**



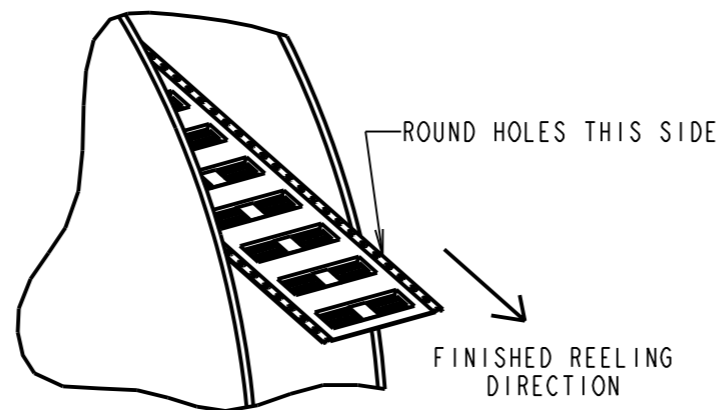
OBSOLETE
All other size/finish combinations
not listed below

ORDER CODE: **M50-315XX42R**

No. OF CONTACTS PER ROW:
03, 04, 05, 06, 08,
10, 15, 20, 22, 25

FINISH:
42 = GOLD FLASH + 100% TIN OVER NICKEL

REELED PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	PACK SIZE
M50-3150342R			4.55		1400
M50-3150442R	16.00	7.50	5.78		
M50-3150542R			7.15	N/A	
M50-3150642R		10.20	8.30		1300
M50-3150842R	24.00		11.25		
M50-3151042R		11.50	13.40		
M50-3151542R	32.00	14.20	20.10	28.40	1400
M50-3152042R			26.10	40.40	
M50-3152242R	44.00	20.20	28.60	40.40	1300
M50-3152542R			32.45	40.40	



Active products:

- M50-3150342R
- M50-3150542R
- M50-3151042R
- M50-3151542R
- M50-3152042R
- M50-3152542R

MSP	10	17.08.17	20750
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: M.PLESTED			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

- NOTES:
- PRODUCT IS TAPE AND REELED IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
 - CUMULATIVE TOLERANCE OVER 10 PITCHES = ± 0.20 mm
 - FOR CONNECTOR DETAILS AND SPECIFICATIONS SEE SHEET 4.

HARWIN

www.harwin.com
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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 SHEET 4
FINISH: SEE ABOVE
S/AREA: mm²

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

DRAWING NUMBER: **M50-315XX42R**
SHT 3 OF 4

Customer Information Sheet

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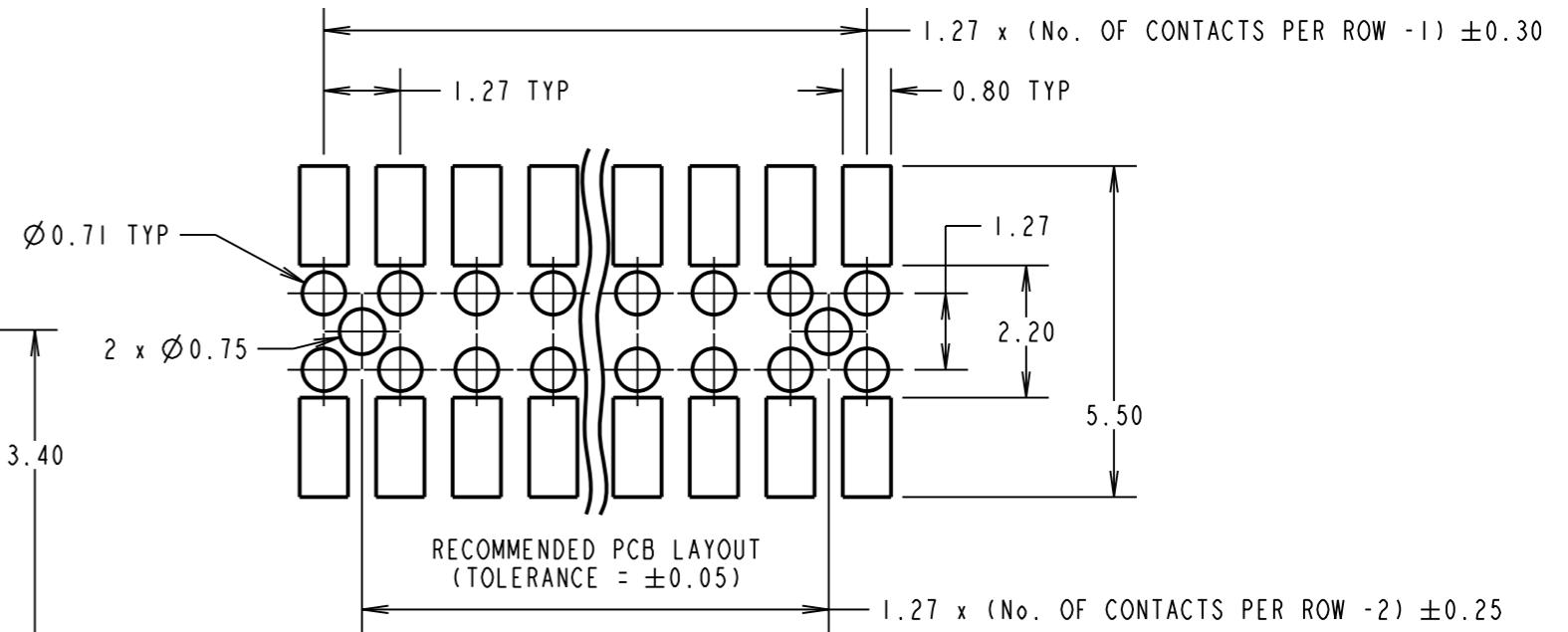
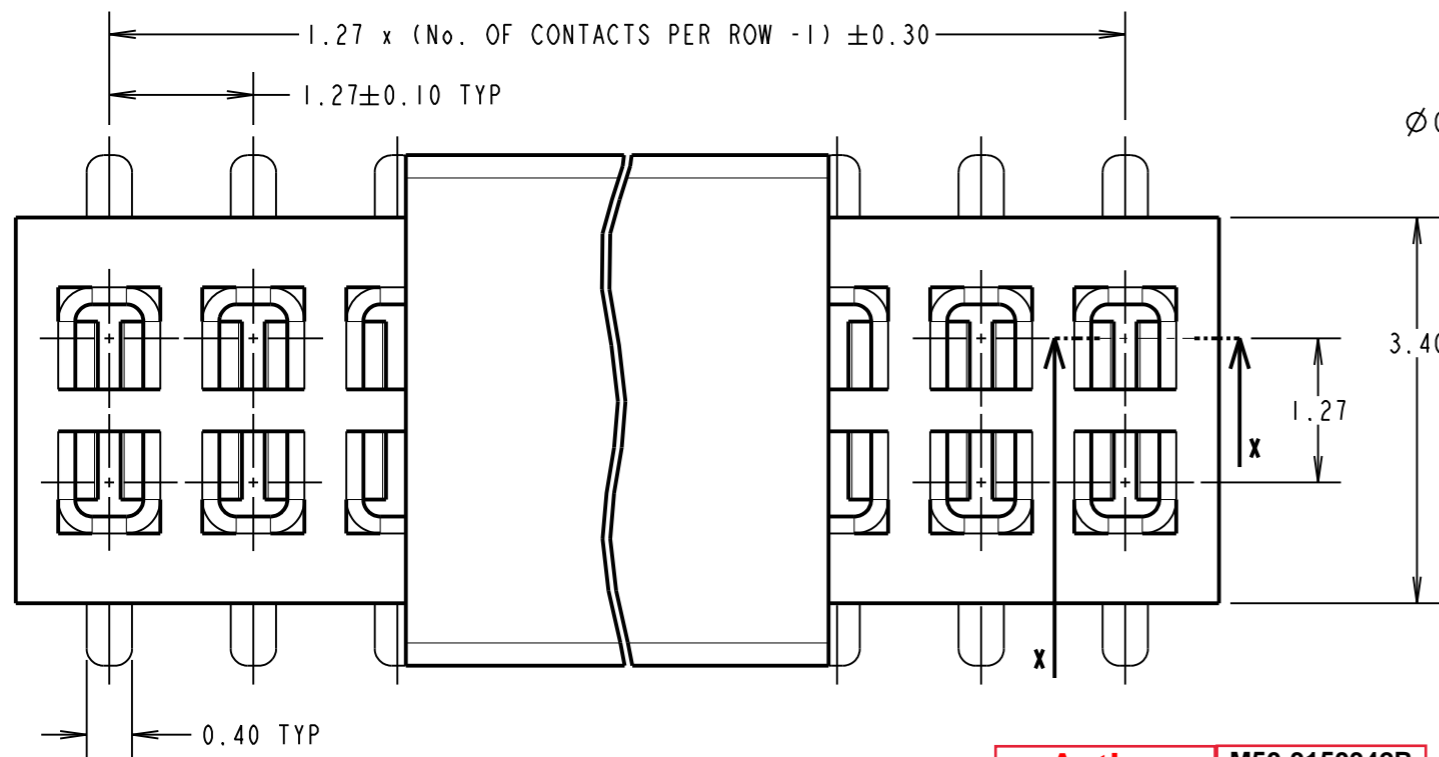
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THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

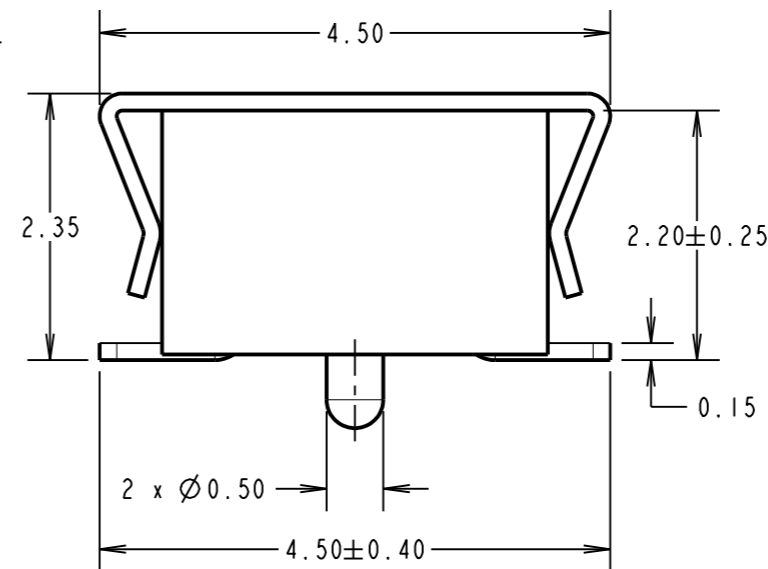
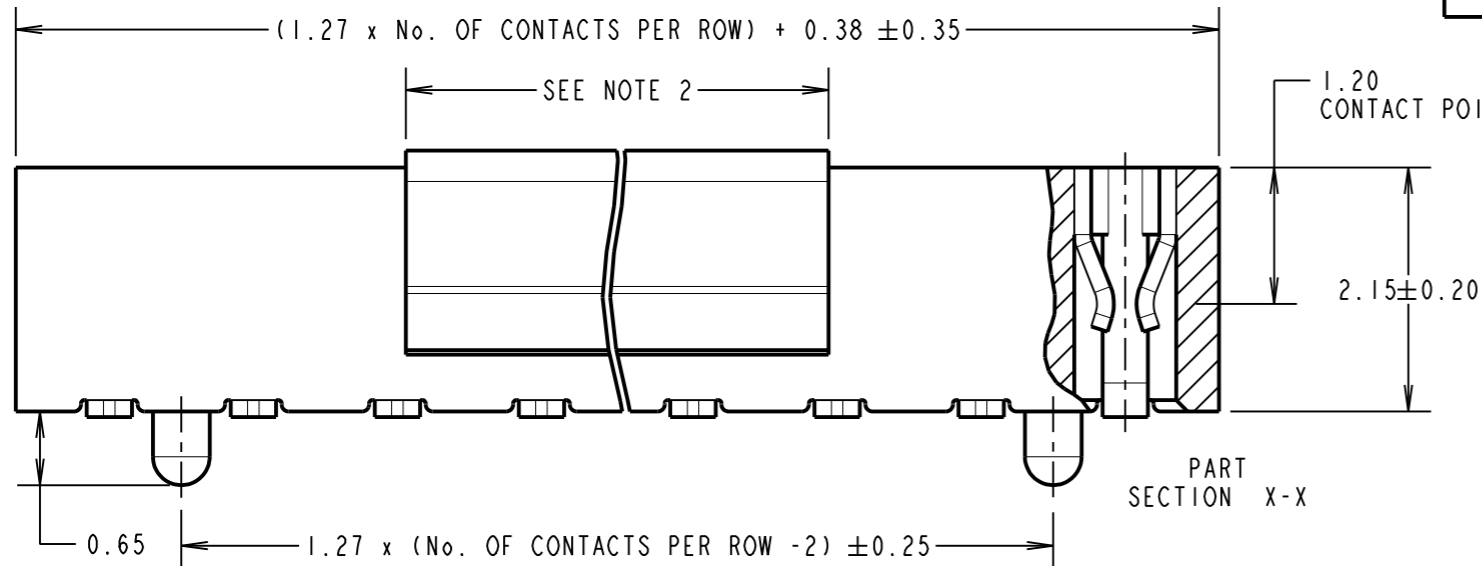


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All other size/finish combinations not listed below

Active products:
M50-3150342R
M50-3150542R
M50-3151042R
M50-3151542R
M50-3152042R
M50-3152542R

ORDER CODE: **M50-315XX42R**
No. OF CONTACTS PER ROW: 03, 04, 05, 06, 08, 10, 15, 20, 22, 25
FINISH: 42 = GOLD FLASH + 100% TIN OVER NICKEL

SPECIFICATION:
MATERIAL:
MOULDING = NYLON-6T, UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE
FINISH:
CONTACTS = 1.27μ NICKEL ALL OVER, GOLD FLASH ON CONTACT AREA, 2.54μ 100% TIN ON TAILS
ELECTRICAL:
CURRENT RATING = 1A
CONTACT RESISTANCE = $20m\Omega$ MAX
INSULATION RESISTANCE = $1000M\Omega$ MIN
DIELECTRIC WITHSTANDING = 500V AC FOR ONE MINUTE
MECHANICAL:
DURABILITY = 300 CYCLES MIN
INSERTION FORCE = 1.5N MAX PER CONTACT
WITHDRAWAL FORCE = 0.2N MIN PER CONTACT
ENVIRONMENTAL:
TEMPERATURE RANGE = -40°C TO $+105^\circ\text{C}$
PACKING:
REEL
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)



NOTE:
1. ALL TOLERANCES ARE ± 0.15 UNLESS OTHERWISE STATED.
2. PICK AND PLACE CAP LENGTH = 4.20mm FOR 03 TO 05 CONTACTS PER ROW, 6.90mm FOR 06 TO 40 CONTACTS PER ROW.
3. FOR TAPE AND REEL DETAILS, SEE SHEET 3.

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X.XX = $\pm 0.10\text{mm}$
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UNLESS STATED

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

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