

Customer Information Sheet

DRAWING No.: M50-360XX42R

SHEET 3 OF 4

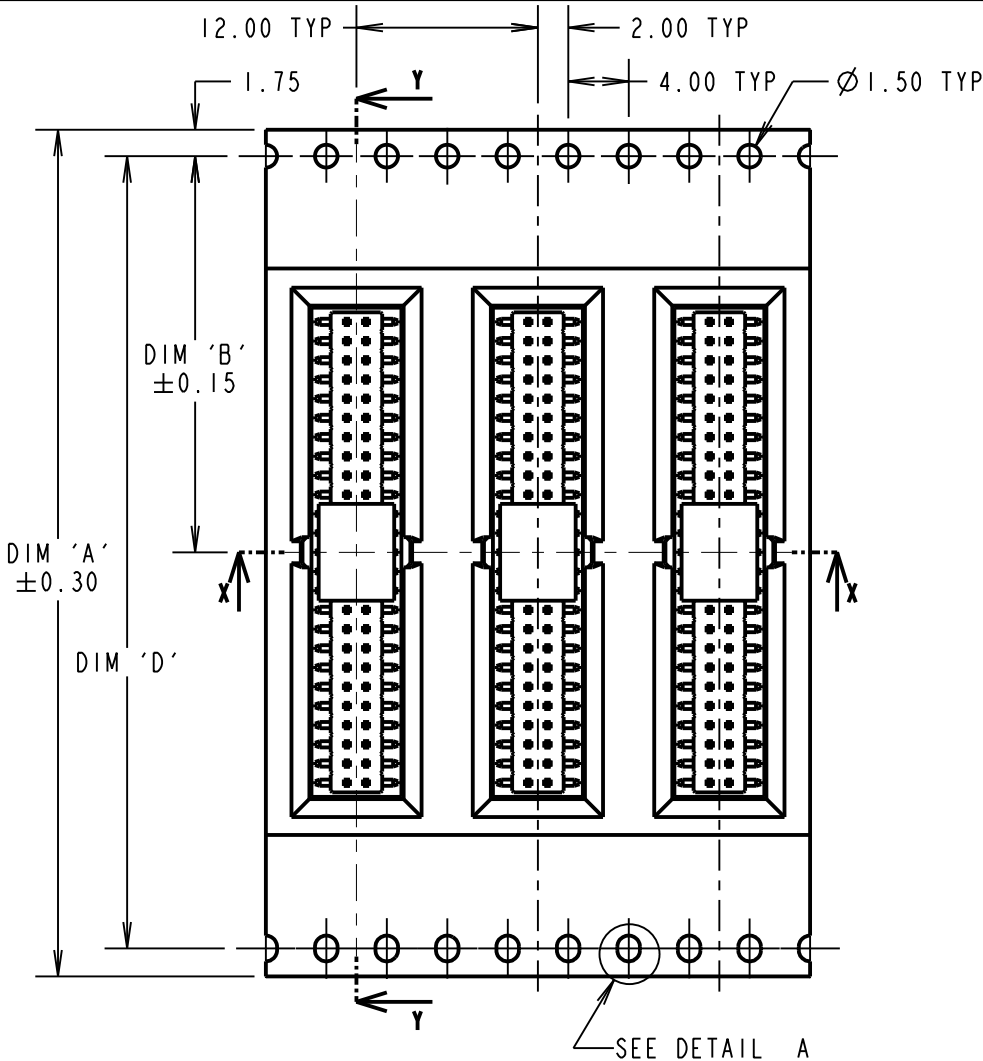
IF IN DOUBT - ASK

©

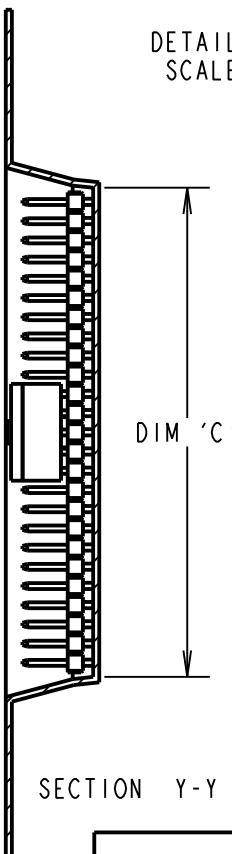
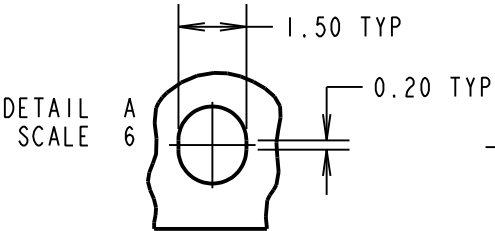
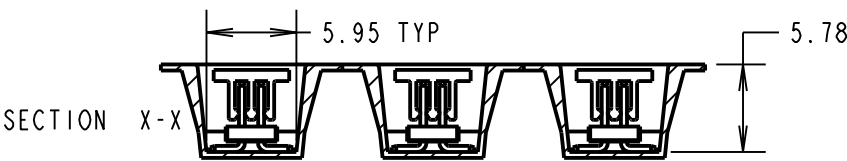
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

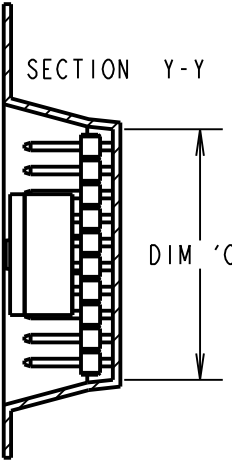
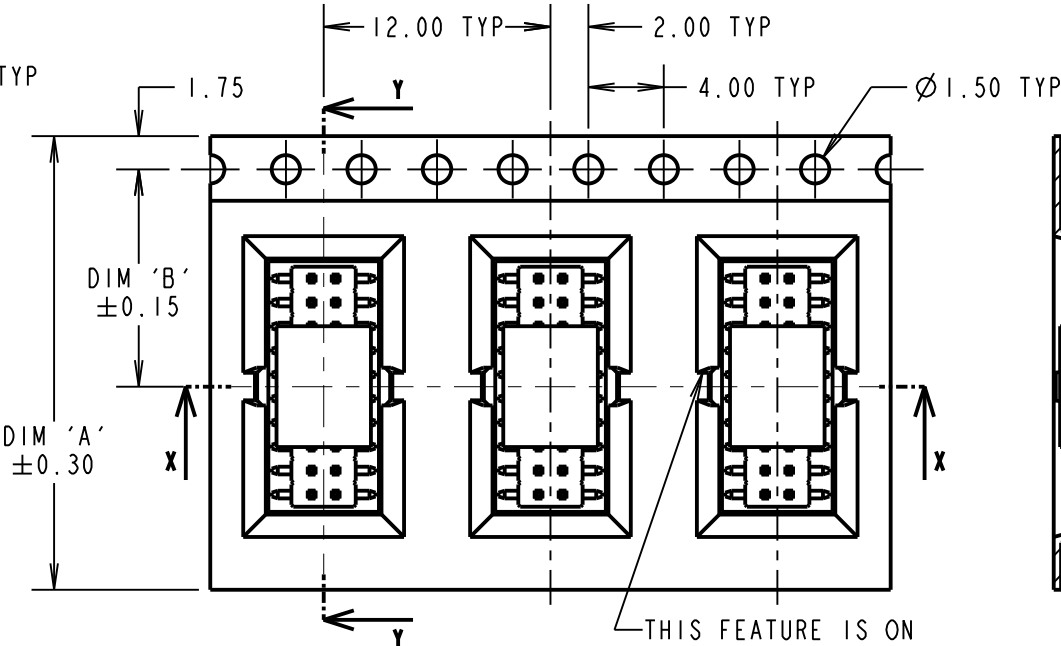


TAPE DETAILS FOR 20 & 25 WAYS

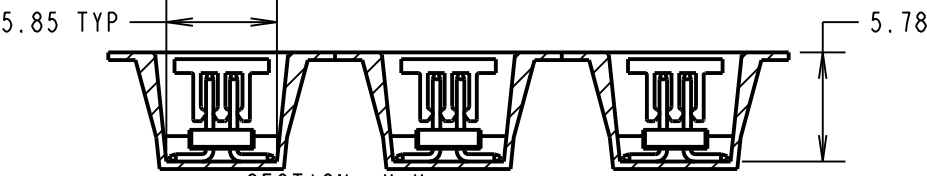


SECTION Y-Y

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

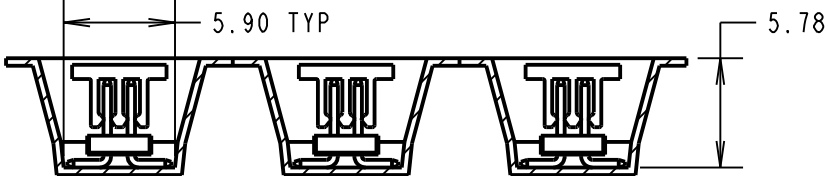


SECTION Y-Y



SECTION X-X

DETAILS FOR 02, 03, 06 AND 10 WAYS



SECTION X-X

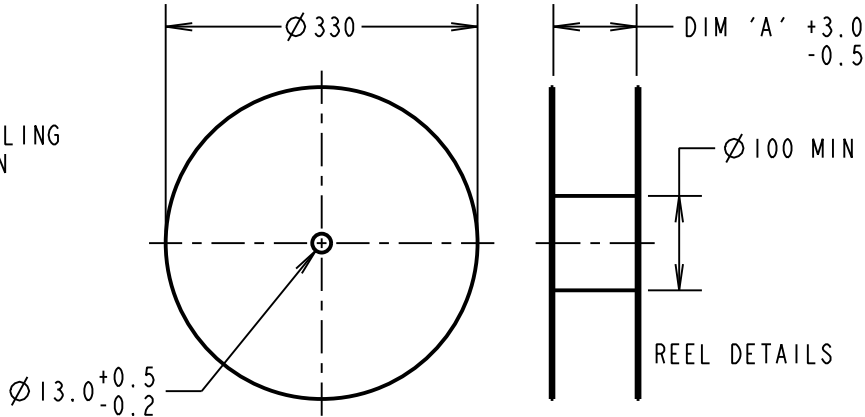
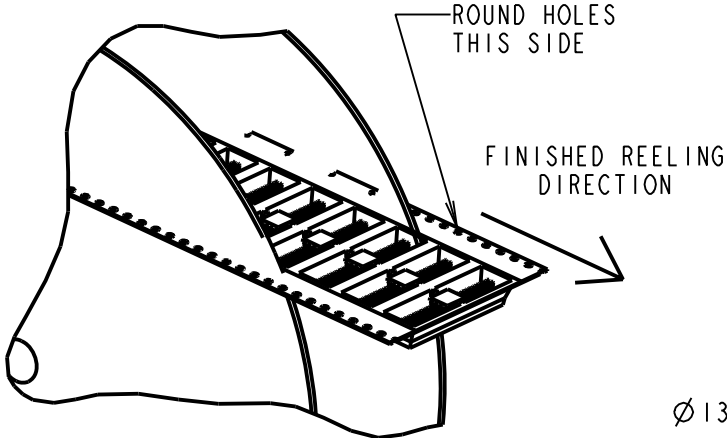
DETAILS FOR 04 AND 05 WAYS

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'	REEL QTY
M50-3600242R	16.00	7.50	3.60	N/A	750
M50-3600342R			4.00		
M50-3600442R			5.40		
M50-3600542R			6.65		
M50-3600642R	24.00	11.50	7.90	N/A	800
M50-3601042R			13.00		
M50-3602042R	44.00	20.20	25.70	40.40	750
M50-3602542R	56.00	26.20	32.10	52.40	

- NOTES:
- CUMULATIVE TOLERANCES OVER 10 PITCHES = $\pm 0.20\text{mm}$
 - 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. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

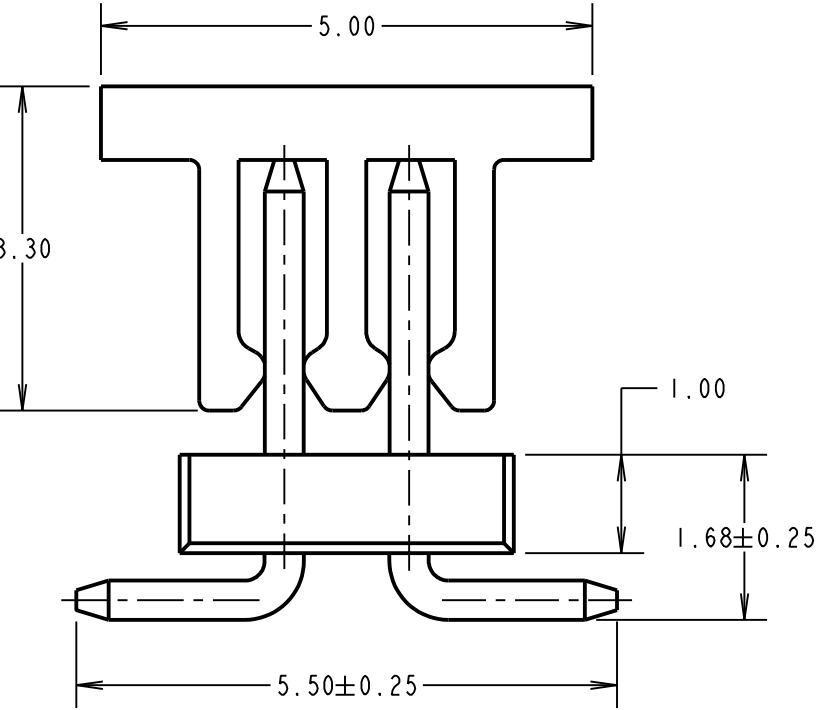
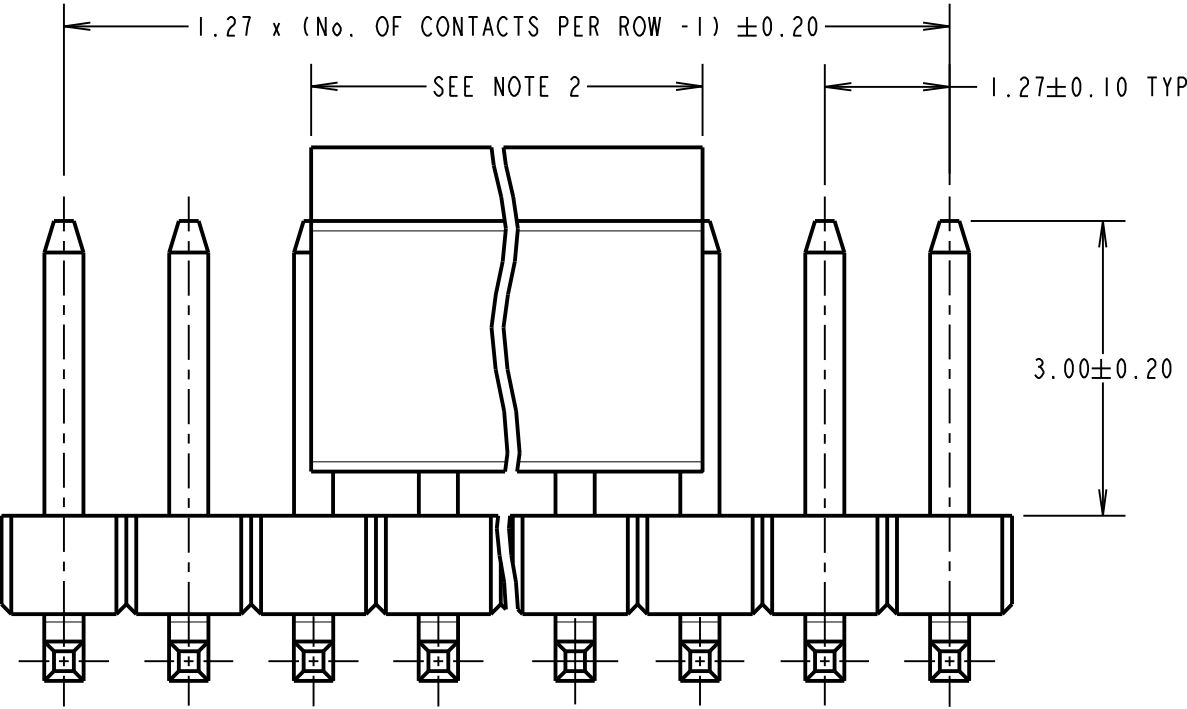
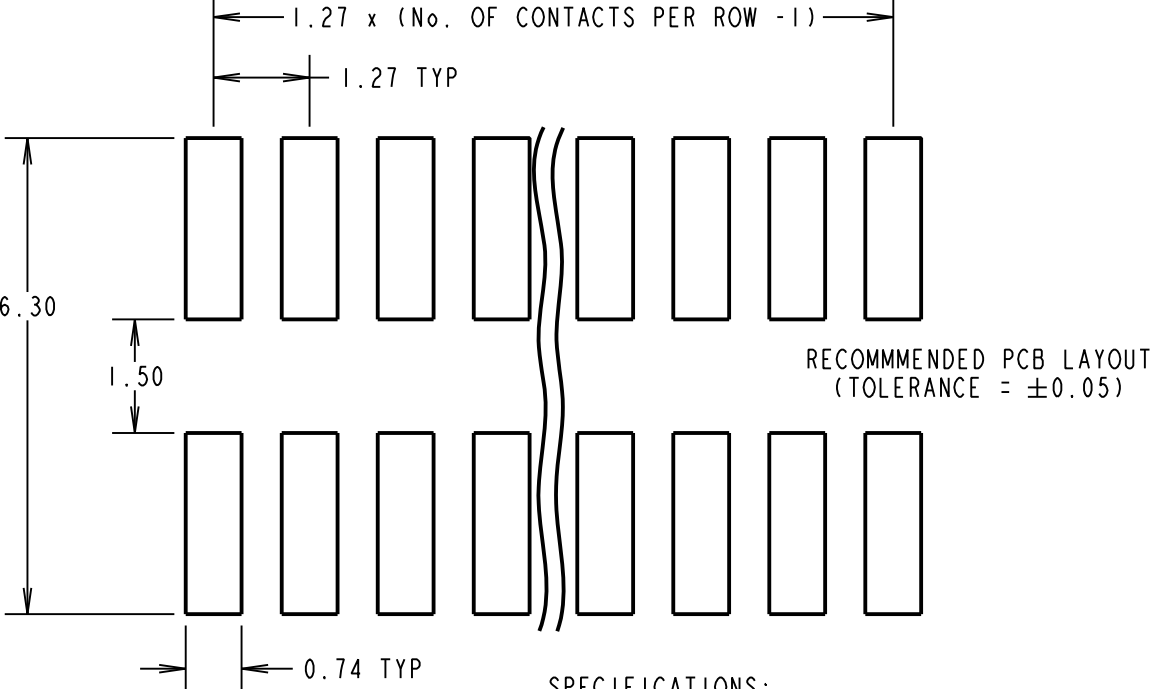
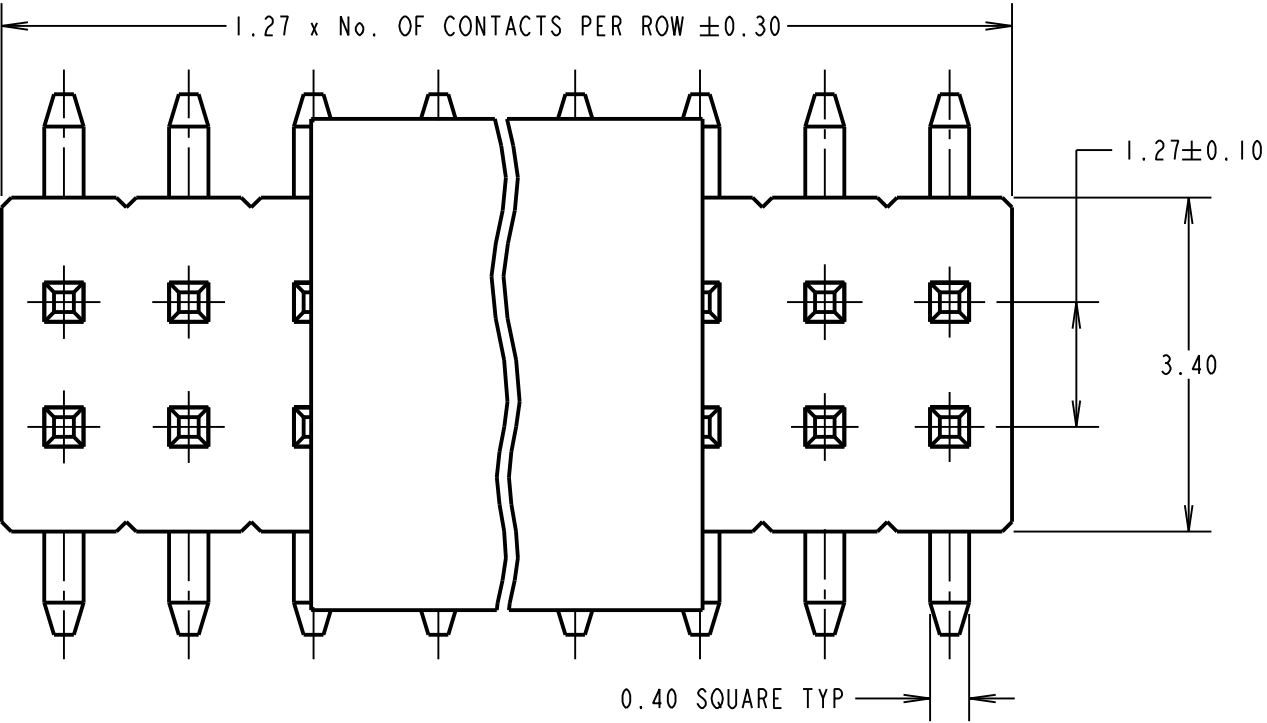
MATERIAL:
SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: 1.27mm PITCH DIL SMT VERT LOW PROFILE SOCKET ASSY (TAPE & REEL)
DRAWING NUMBER: M50-360XX42R
SHT 3 OF 4

SB	13	20.12.17	20949
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: F.McGOWAN			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

Customer Information Sheet

DRAWING No.: M50-360XX42R 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 1.30µ NICKEL ALL OVER, 0.08 TO 0.15µ GOLD ON CONTACT AREA, 2.50 TO 3.00µ 100% TIN ON TAILS
ELECTRICAL:
CURRENT RATING = 1A
CONTACT RESISTANCE = 20mΩ MAX
INSULATION RESISTANCE = 1000MΩ 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:
- 1. CO-PLANARITY OF TAILS FOR 02 TO 30 CONTACTS PER ROW = 0.15mm, 31 TO 50 CONTACTS PER ROW = 0.20mm.
 - 2. PICK AND PLACE CAP LENGTH = 3.60mm FOR 02 TO 05 CONTACTS PER ROW, 6.40mm FOR 06 TO 50 CONTACTS PER ROW.
 - 3. ALL TOLERANCES ARE ±0.15, UNLESS OTHERWISE STATED.
 - 4. FOR TAPE AND REEL DETAILS, SEE SHEET 3.

ORDER CODE:
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FINISH: _____
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TOLERANCES
X = ±1mm
X.X = ±0.50mm
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**
SHT 4 OF 4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M50-3601042R](#) [M50-3600542R](#) [M50-3602542R](#) [M50-3602042R](#) [M50-3600442R](#)