

Customer Information Sheet

DRAWING No.: M50-310XX45R

SHEET 3 OF 4

IF IN DOUBT - ASK

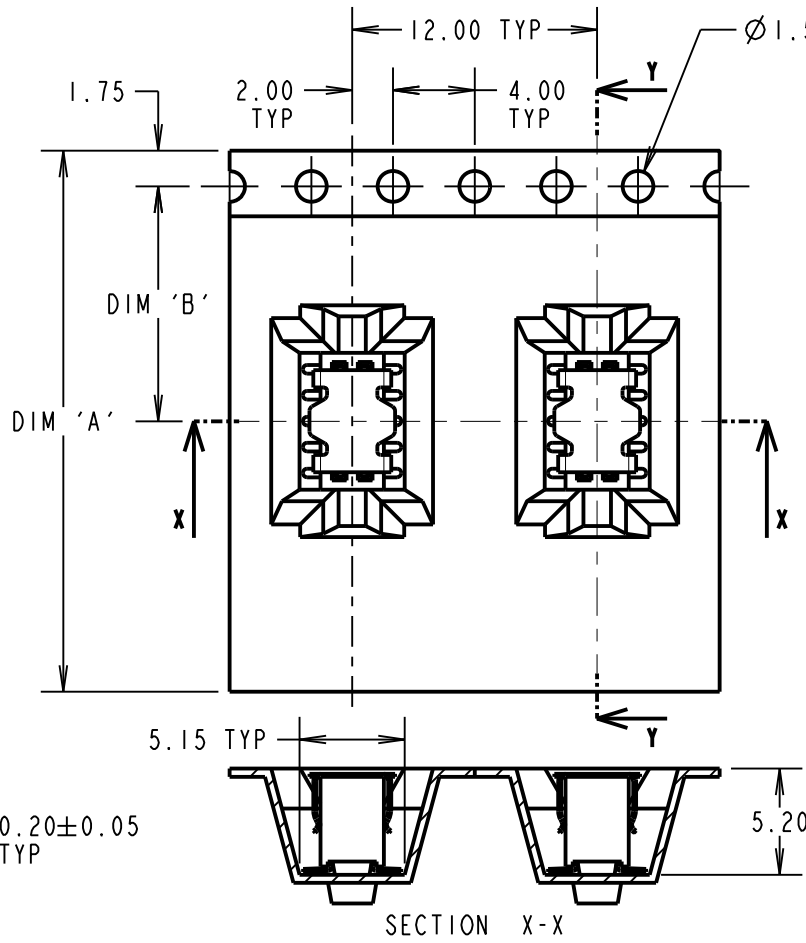
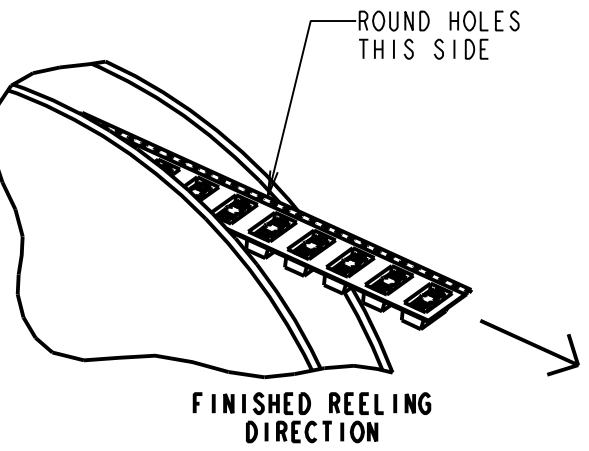
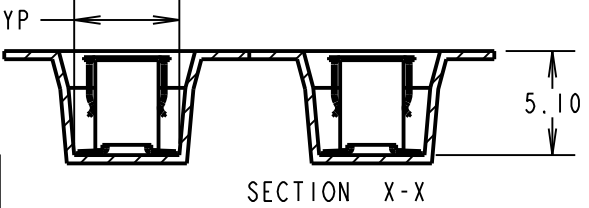
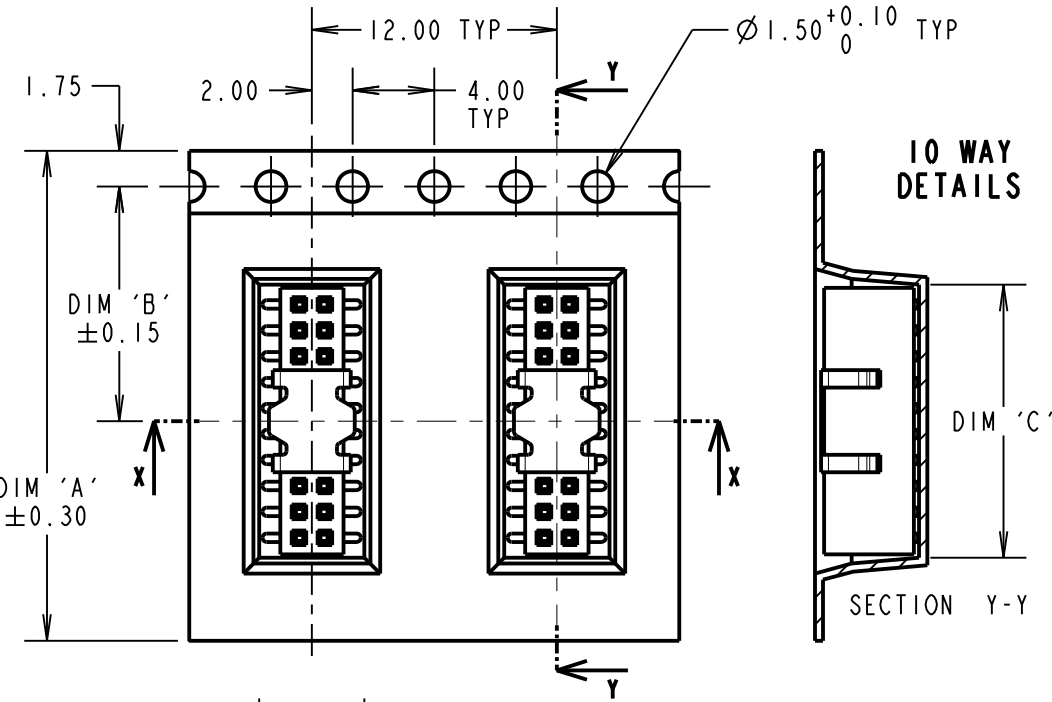
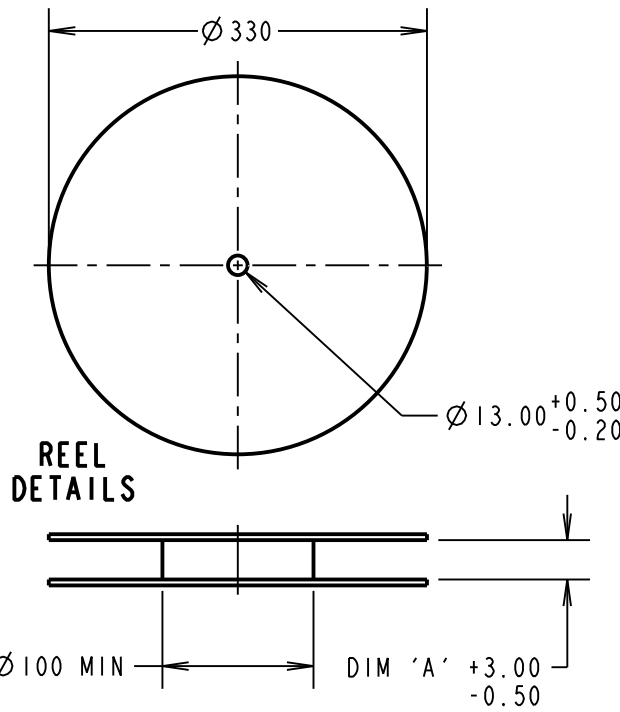
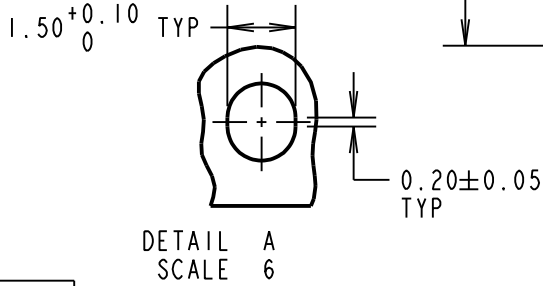
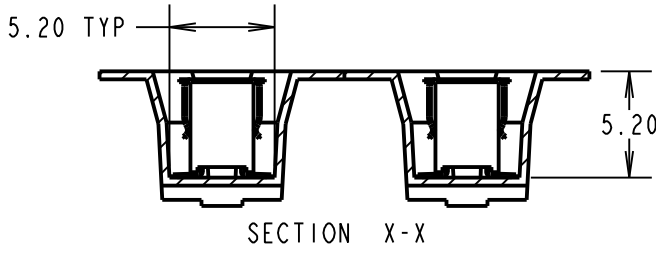
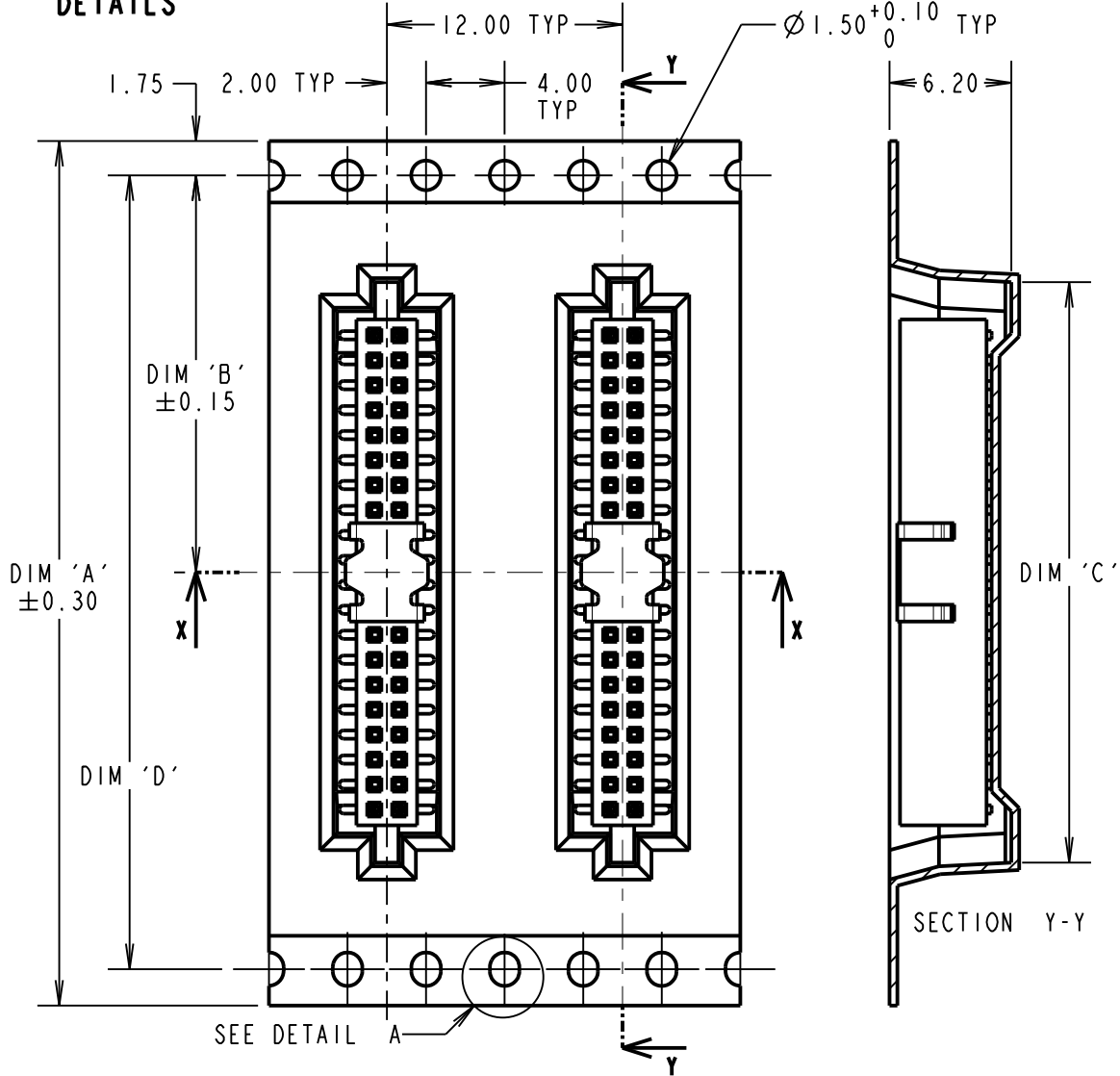
©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

20 & 25 WAY DETAILS



- NOTES:
1. FOR CONNECTOR DETAILS, SEE SHEET 4.
 2. TAPE & REEL IS IN ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
 3. PICK & PLACE CAP IS THE SAME FOR ALL SIZES.

PART NUMBER	DIM 'A' ±0.30	DIM 'B'	DIM 'C'	DIM 'D'	QTY PER REEL
M40-3100545R	24.00	11.50	10.50	N/A	900
M40-3101045R	24.00	11.50	13.30	N/A	1000
M40-3102045R	44.00	20.20	29.55	40.40	900
M40-3102545R	56.00	26.20	36.50	52.40	800

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

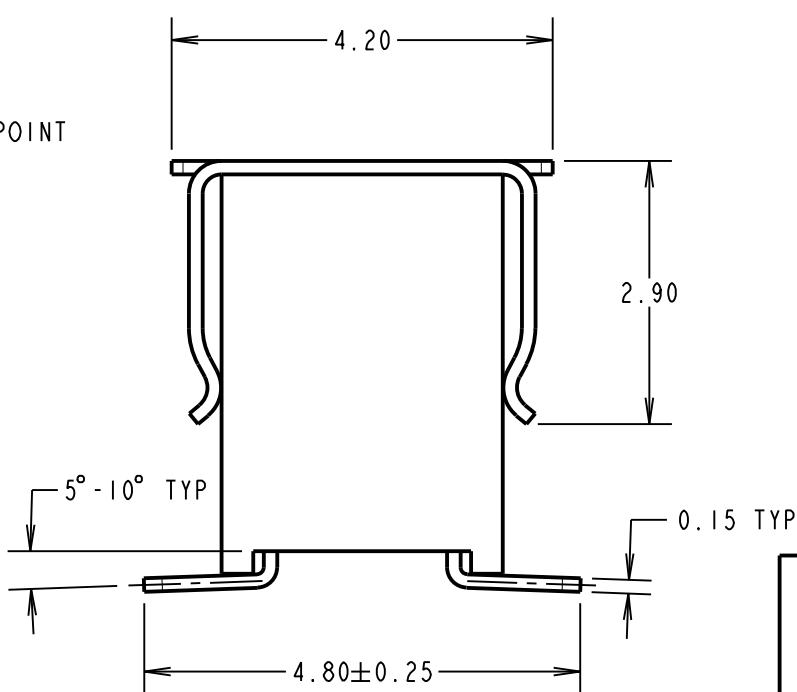
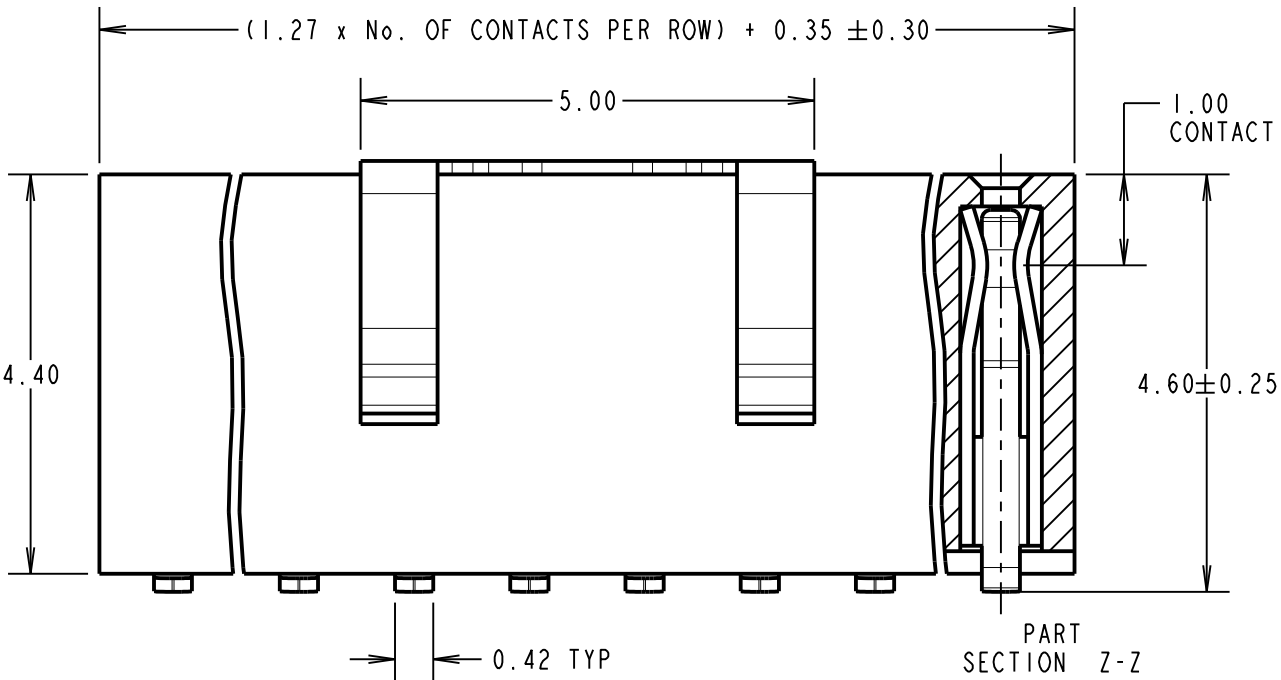
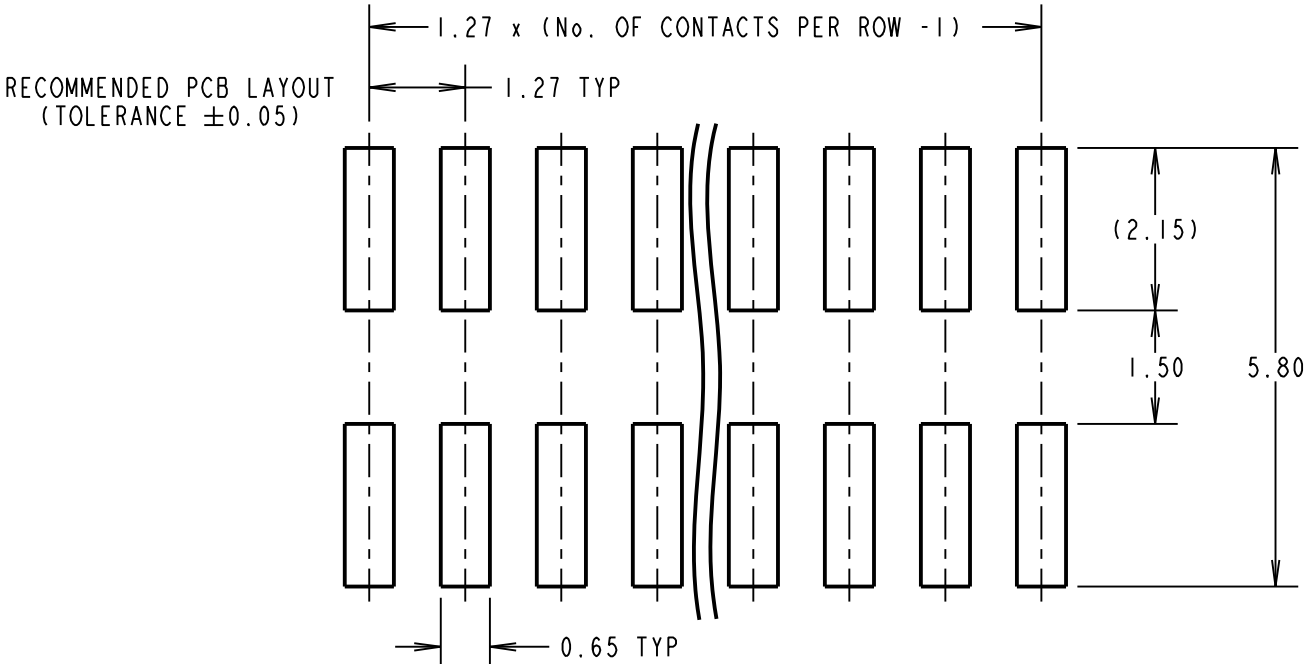
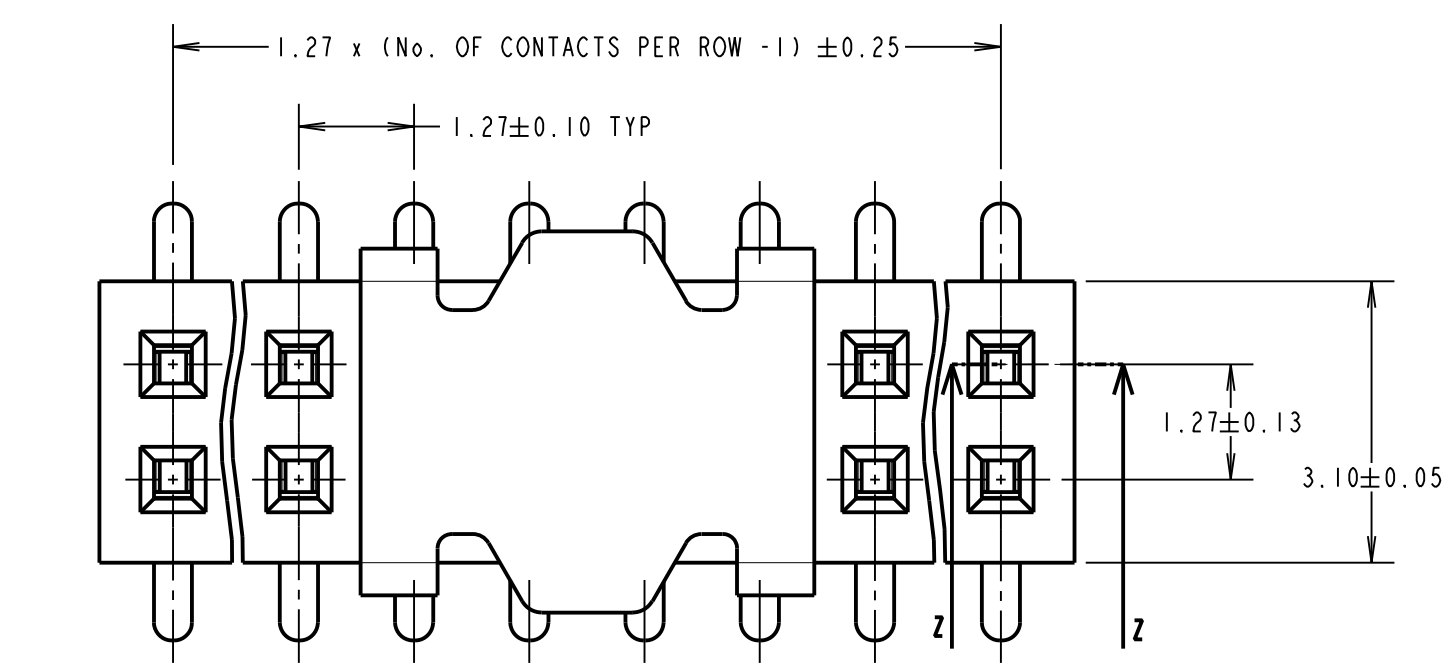
TITLE: 1.27mm PITCH DIL VERTICAL SMT SOCKET ASSY IN TAPE & REEL WITH PICK AND PLACE CAP
DRAWING NUMBER: M50-310XX45R
SHT 3 OF 4

ORDER CODE: M50-310XX45R
No. OF CONTACTS PER ROW: 05, 10, 20, 25
FINISH: GOLD FLASH OVER NICKEL

SB	4	21.01.13	11828
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

Customer Information Sheet

DRAWING No.: M50-310XX45R SHEET 4 OF 4 IF IN DOUBT - ASK © NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
MOULDING = NYLON 6T UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
FINISH:
CONTACT = GOLD FLASH OVER NICKEL
ELECTRICAL:
VOLTAGE RATING = 250V AC/DC
CURRENT RATING = 1A
VOLTAGE PROOF = 300V AC, 500V DC FOR ONE MINUTE
CONTACT RESISTANCE = 20mΩ MAX INITIAL,
30mΩ MAX AFTER CONDITIONING
INSULATION RESISTANCE = 1000MΩ MIN
MECHANICAL:
DURABILITY = 100 CYCLES
INSERTION FORCE = 2N MAX PER CONTACT
WITHDRAWAL FORCE = 0.15N MIN PER CONTACT
ENVIRONMENTAL:
OPERATING TEMPERATURE = -40°C TO +105°C
PACKING:
TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

ORDER CODE:
M50-310XX45R
No. OF CONTACTS PER ROW: _____
05, 10, 20, 25
FINISH: _____
GOLD FLASH OVER NICKEL

SB	4	21.01.13	11828
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		R.ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

NOTES:
1. ALL TOLERANCES ARE ±0.12 UNLESS OTHERWISE STATED.
2. FOR TAPE AND REEL DETAILS, SEE SHEET 2.

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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 VERTICAL SMT SOCKET ASSY IN TAPE & REEL WITH PICK AND PLACE CAP	
DRAWING NUMBER:	
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SHT	4 OF 4