

Customer Information Sheet

DRAWING No.: M50-361XX42R

SHEET 3 OF 4

IF IN DOUBT - ASK

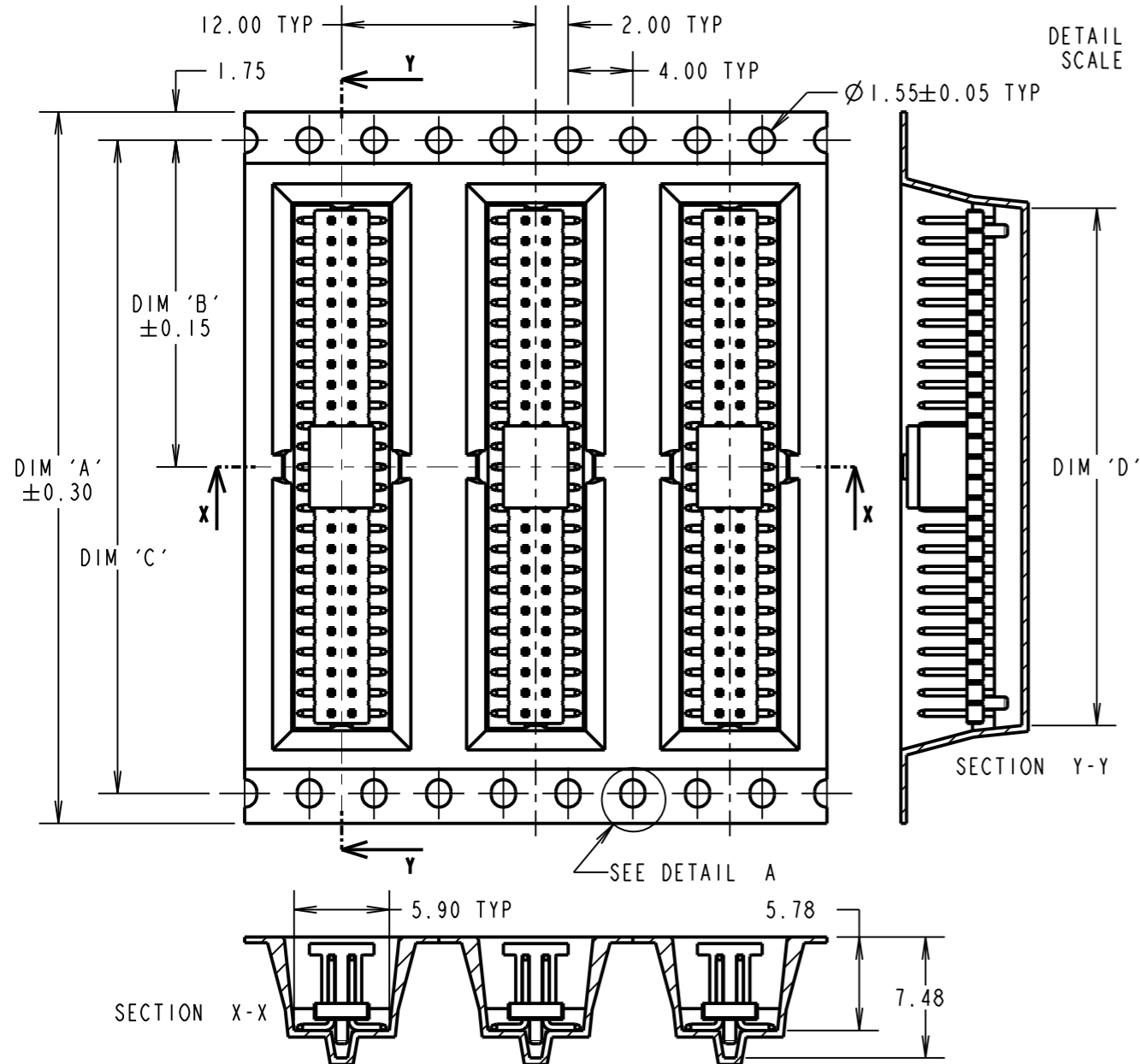
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NOT TO SCALE

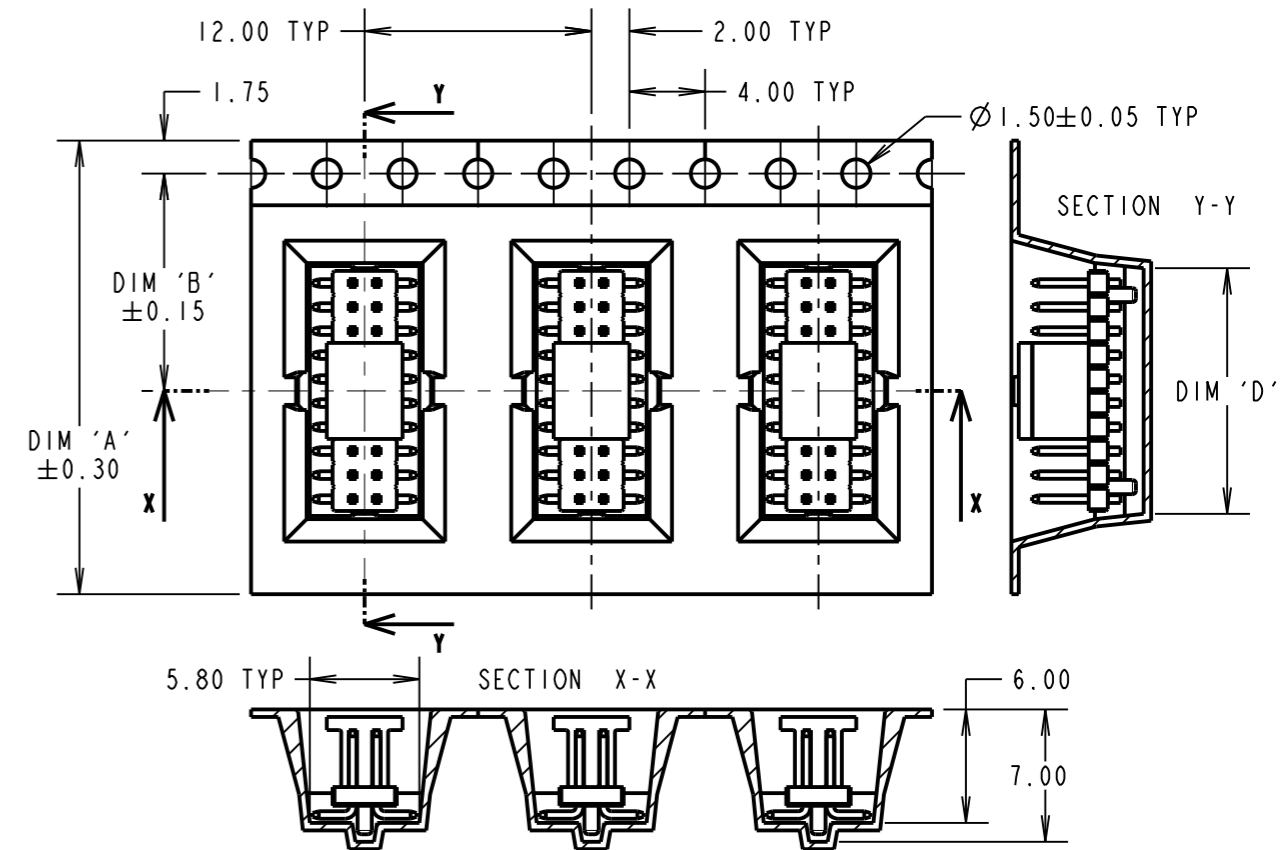
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

TAPE DETAILS FOR 20 & 25 WAYS



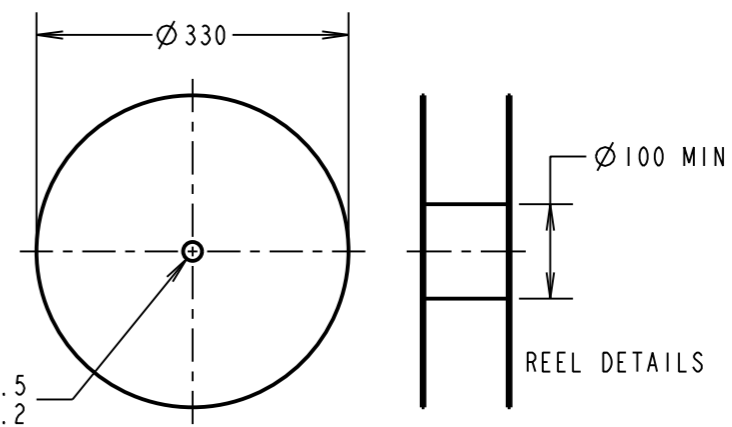
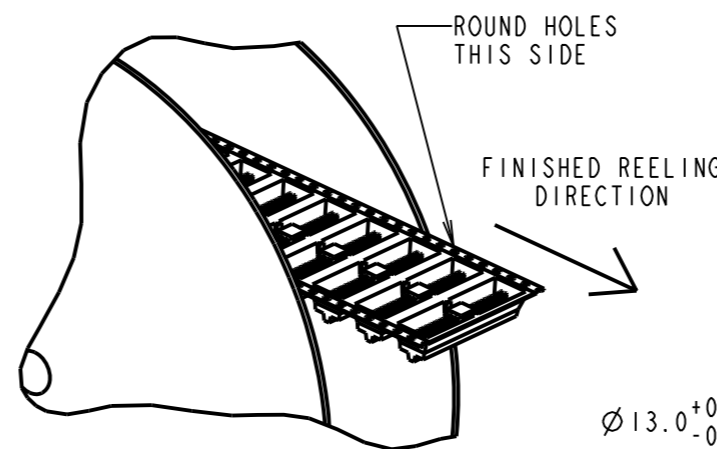
TAPE DETAILS FOR 05, 06, 07, 08 & 10 WAYS



ORDER CODE:
M50-361XX42R
 No. OF CONTACTS PER ROW: _____
 05, 06, 07, 08, 10, 20, 25
 FINISH: _____
 42 = SELECTIVE GOLD & 100% TIN OVER NICKEL

| REELED PART No. | DIM 'A' | DIM 'B' | DIM 'C' | DIM 'D' | REEL QTY |
|-----------------|---------|---------|---------|---------|----------|
| M50-3610542R | 16.00 | 7.50 | N/A | 6.67 | 700 |
| M50-3610642R | | | | 7.94 | |
| M50-3610742R | 24.00 | 11.50 | | 9.21 | |
| M50-3610842R | | | | 10.48 | |
| M50-3611042R | | | | 13.02 | |
| M50-3612042R | 44.00 | 20.20 | 40.40 | 25.72 | |
| M50-3612542R | 56.00 | 26.20 | 52.40 | 32.07 | |

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



| | | | |
|---------------------|------|----------|--------|
| SB | 2 | 14.01.16 | 13241 |
| NAME | ISS. | DATE | C/NOTE |
| APPROVED: S.BENNETT | | | |
| CHECKED: M.PERREN | | | |
| DRAWN: M.PERREN | | | |
| CUSTOMER REF.: | | | |
| ASSEMBLY DRG: | | | |

HARWIN
 www.harwin.com
 technical@harwin.com

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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 WITH LOCATING PEGS (TAPE & REEL)
 DRAWING NUMBER:
M50-361XX42R
 SHT 3 OF 4

Customer Information Sheet

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SHEET 4 OF 4

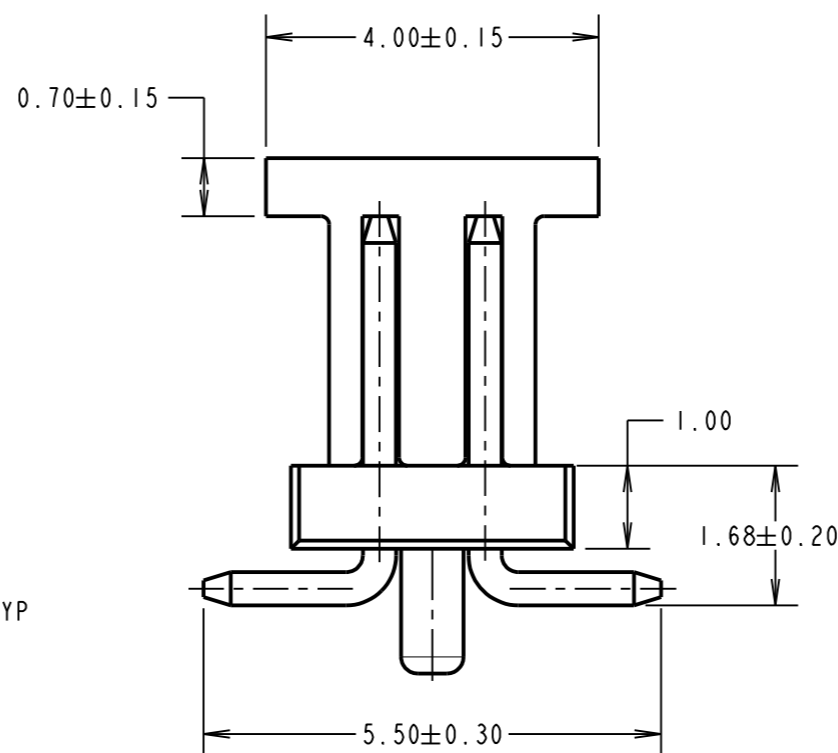
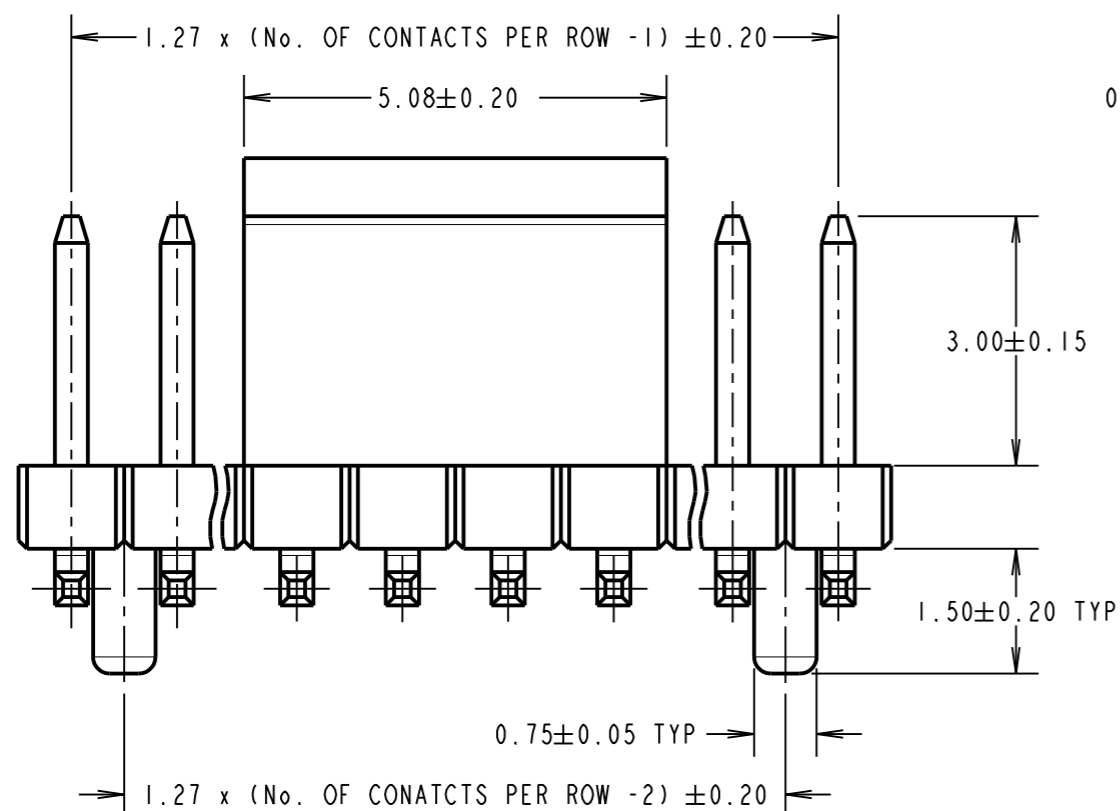
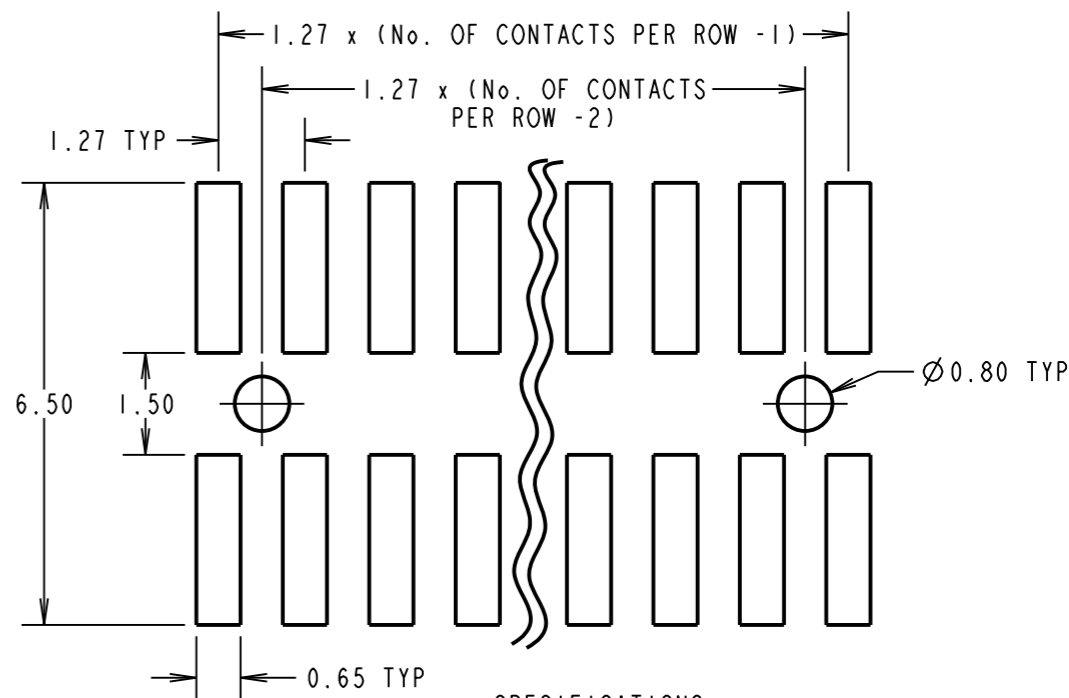
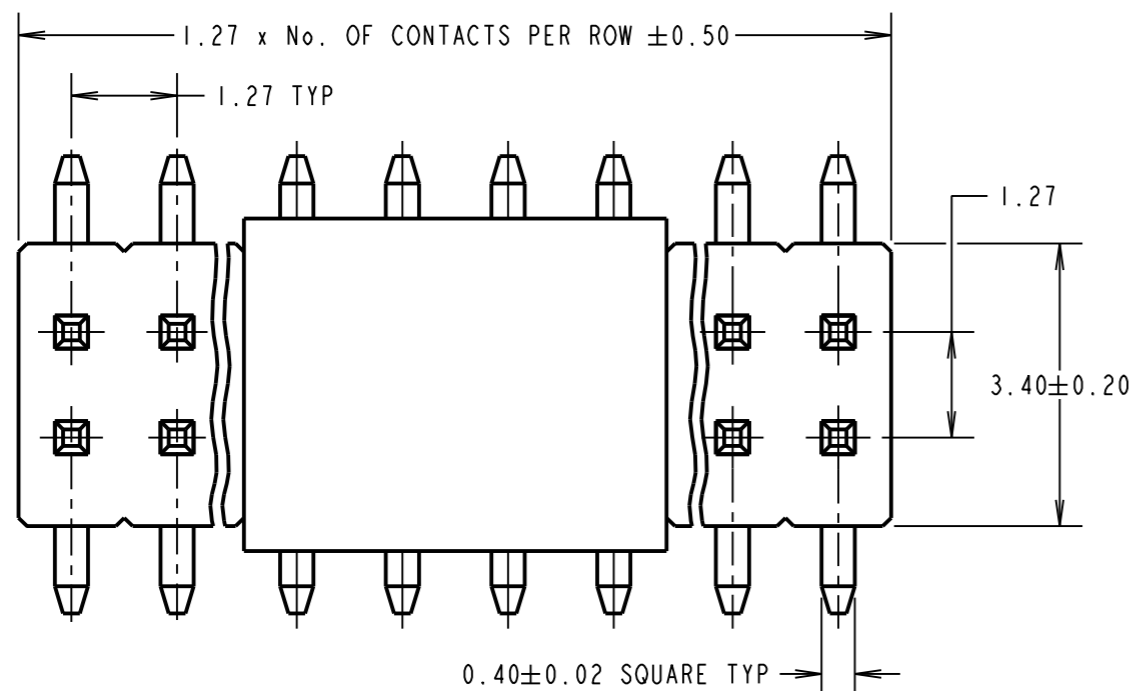
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THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:
 MOULDING = HIGH TEMP THERMOPLASTIC, UL94V-0, BLACK
 CONTACTS = BRASS
FINISH:
 CONTACTS = 0.76 TO 2.03µ NICKEL ALL OVER, 0.02 TO 0.08µ GOLD ON CONTACT AREA, 2.03 TO 5.08µ 100% TIN ON TAILS

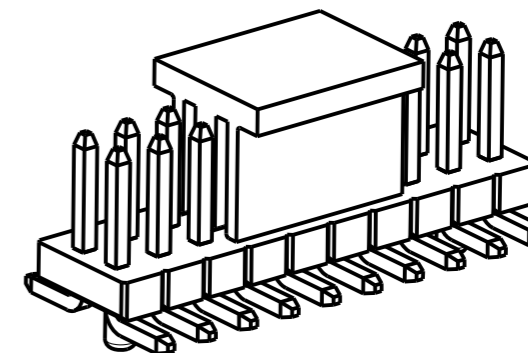
ELECTRICAL:
 CURRENT RATING = 1A
 CONTACT RESISTANCE = 20mΩ MAX
 INSULATION RESISTANCE = 1000MΩ MIN
 DIELECTRIC WITHSTANDING = 500V AC FOR ONE MINUTE

VOLTAGE RATING = 250V AC/DC

MECHANICAL:
 DURABILITY = 300 CYCLES MIN

ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +105°C

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



| | | | |
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NOTES:

- CO-PLANARITY OF TAILS = 0.15mm.
- FOR TAPE AND REEL DETAILS, SEE SHEET 3.

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