

Customer Information Sheet

DRAWING No.: S9101-46R

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

- NOTES:
- 1. QUANTITY OF COMPONENTS PER REEL = 800.
 - 2. TAPE MUST HAVE A MINIMUM OF 400mm LEADER AND A MINIMUM OF 160mm TRAILER.
 - 3. THIS PRODUCT IS TAPED AND REELED IN GENERAL ACCORDANCE WITH EIA-481-2 (ELECTRONICS INDUSTRIES ASSOCIATION).
 - 4. RECOMMENDED MINIMUM PIN SIZE IS $\varnothing 1.10$ OR 1.10 SQUARE. RECOMMENDED MAXIMUM PIN SIZE IS $\varnothing 1.80$ OR 1.40 SQUARE. MATING PIN SHOULD HAVE 30° LEAD IN CHAMFER WITH MAXIMUM STARTING DIAMETER OF $\varnothing 1.10$.

COMPONENT SPECIFICATION:

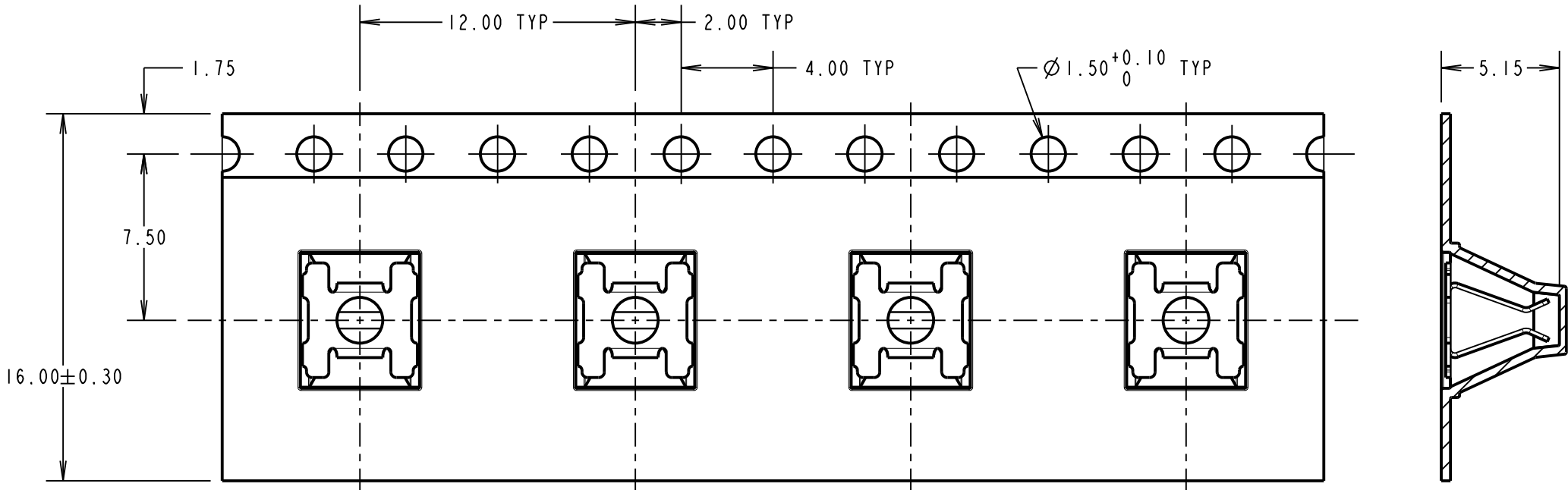
MATERIAL:
PHOSPHOR BRONZE

FINISH:
4.0 μ m MIN 100% TIN OVER 2.0 μ m MIN NICKEL

ELECTRICAL:
CURRENT RATING = 9A MAX WITH A $\varnothing 1.10$ mm PIN
CONTACT RESISTANCE (BEFORE CYCLING) = 2.67m Ω
CONTACT RESISTANCE (50 CYCLES) = 2.67m Ω
DURABILITY = 100 OPERATIONS

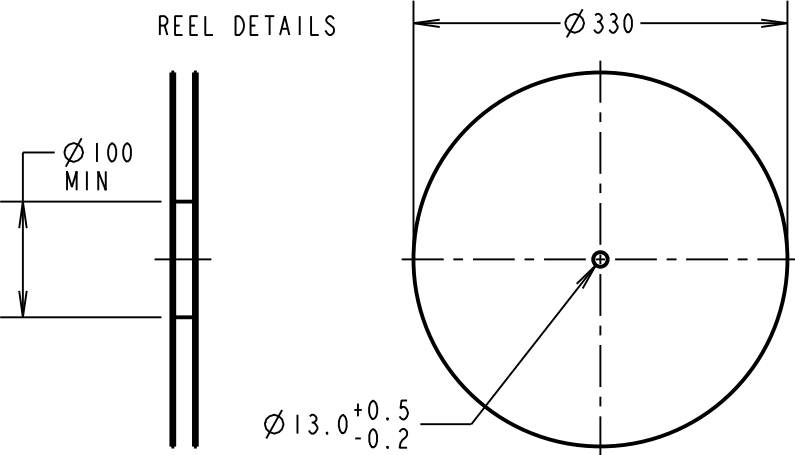
MECHANICAL:
MAX INSERTION FORCE WITH $\varnothing 1.10$ mm PIN = 2.8N
MAX INSERTION FORCE WITH $\varnothing 1.80$ mm PIN = 6.0N
MIN WITHDRAWAL FORCE WITH $\varnothing 1.10$ mm PIN = 0.3N
MIN WITHDRAWAL FORCE WITH $\varnothing 1.80$ mm PIN = 0.5N

ENVIRONMENTAL:
OPERATING TEMPERATURE = -40 $^\circ$ C TO +105 $^\circ$ C
FOR COMPLETE SPECIFICATION, SEE HARWIN
TEST REPORT SUMMARY HT007XX (LATEST ISSUE).

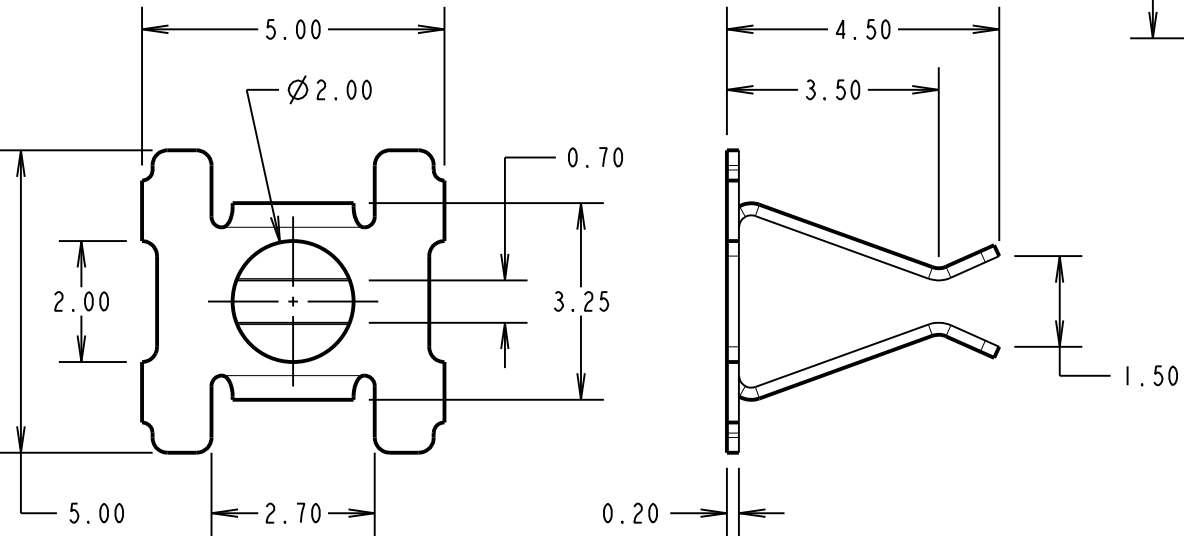
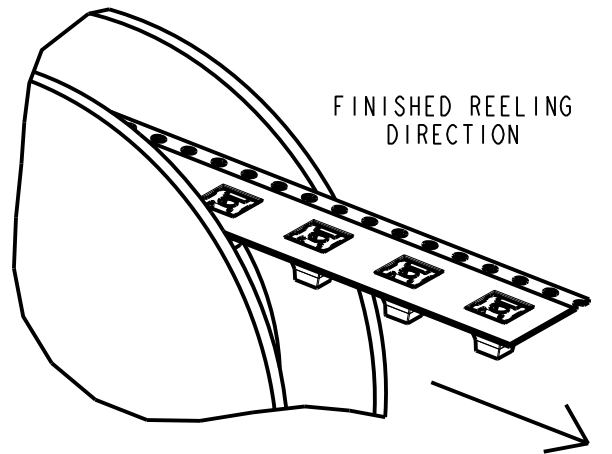


SECTION X-X

REEL DETAILS

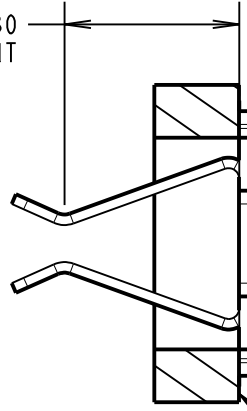


RECOMMENDED PCB PAD LAYOUT
(TOLERANCE = ± 0.05)

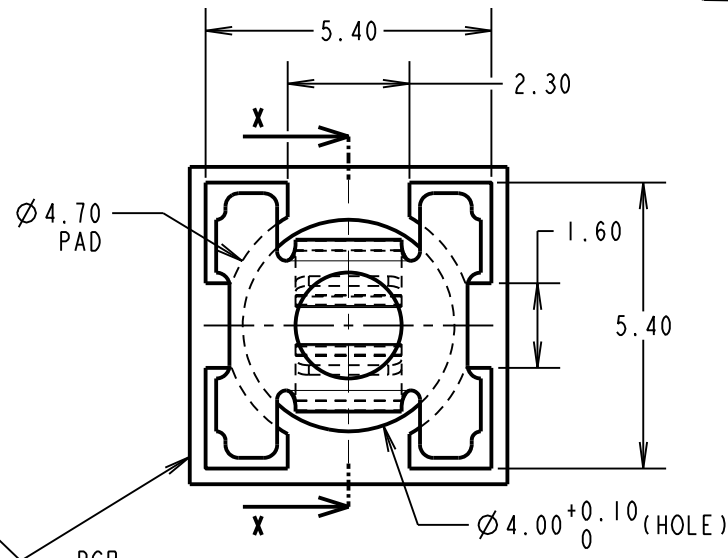


COMPONENT DIMENSIONS

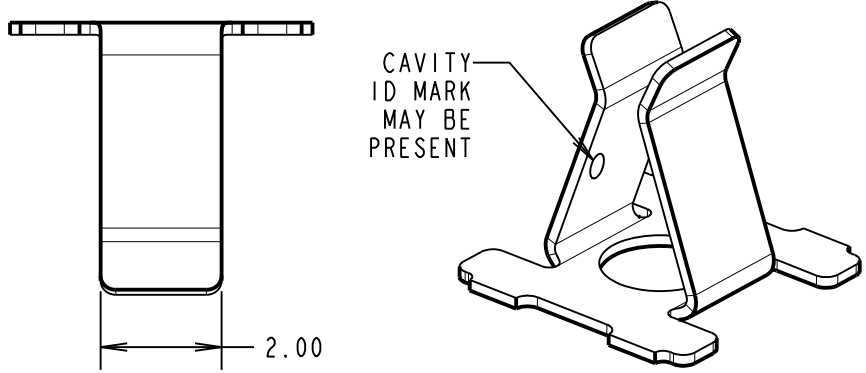
CONTACT POINT



SECTION X-X



PCB



CAVITY
ID MARK
MAY BE
PRESENT

MGP	8	26.02.19	21744
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: S.FLOWER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
X. = ± 1 mm
X.X = ± 0.50 mm
X.XX = ± 0.20 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:
SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: SMT CONTACT CLIP
IN TAPE & REEL

DRAWING NUMBER: S9101-46R

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