



**THE DATASHEET OF
S9101-46R**



Customer Information Sheet

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

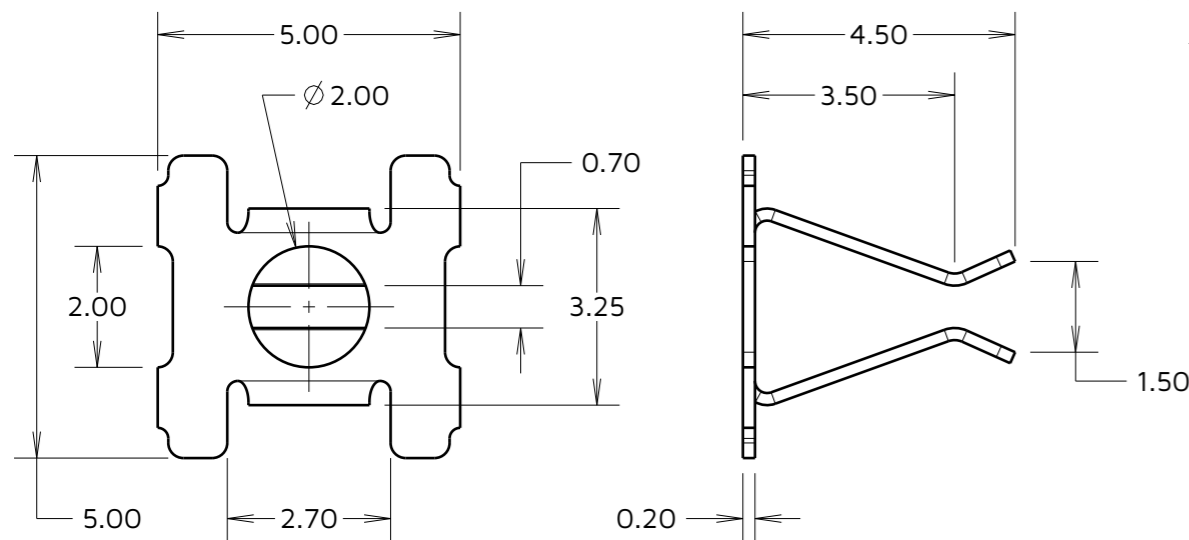
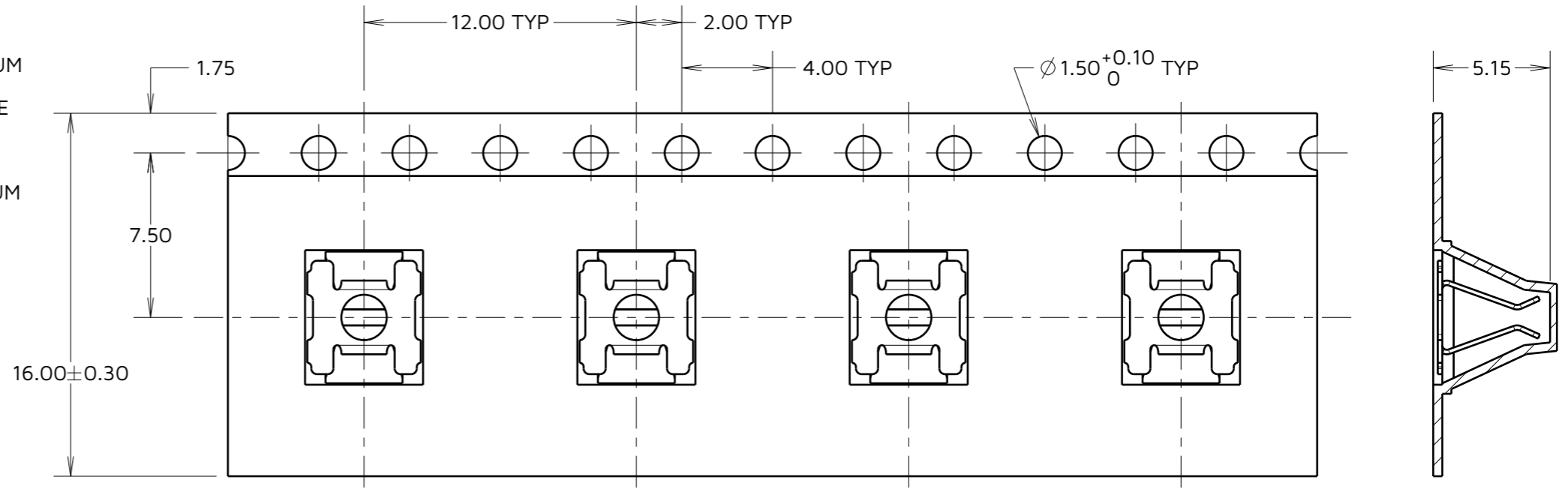
ALL DIMENSIONS IN mm

NOTES:

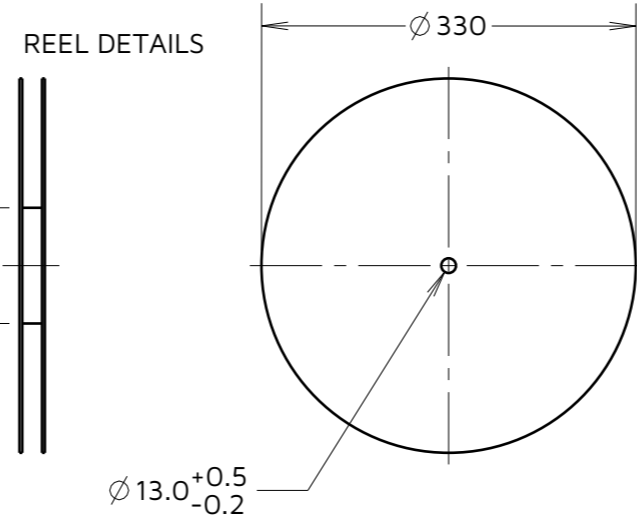
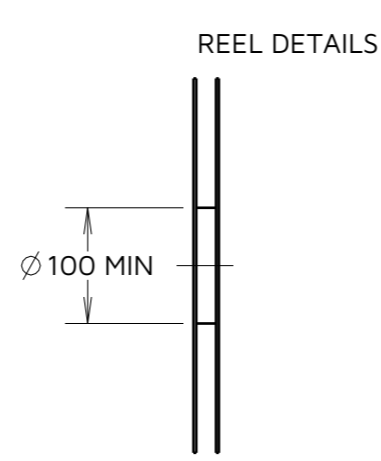
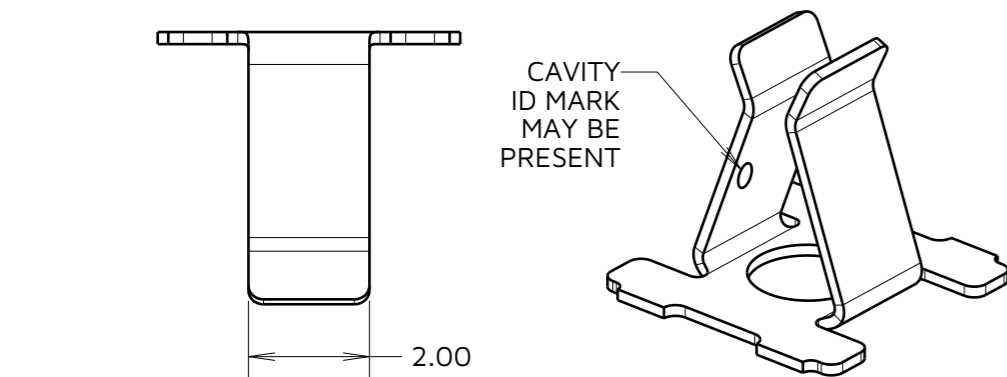
1. QUANTITY OF COMPONENTS PER REEL = 800.
2. TAPE MUST HAVE A MINIMUM OF 400mm LEADER AND A MINIMUM OF 160mm TRAILER.
3. THIS PRODUCT IS TAPED AND REELED IN GENERAL ACCORDANCE WITH EIA-481-2 (ELECTRONICS INDUSTRIES ASSOCIATION).
4. RECOMMENDED MINIMUM PIN SIZE IS $\phi 1.10$ OR 1.10 SQUARE. RECOMMENDED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

COMPONENT SPECIFICATION:

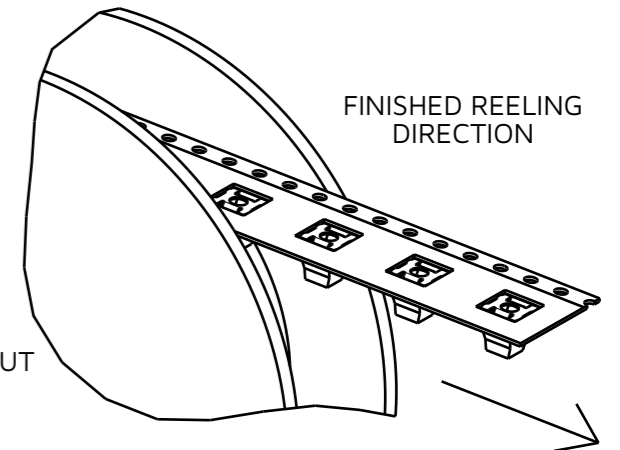
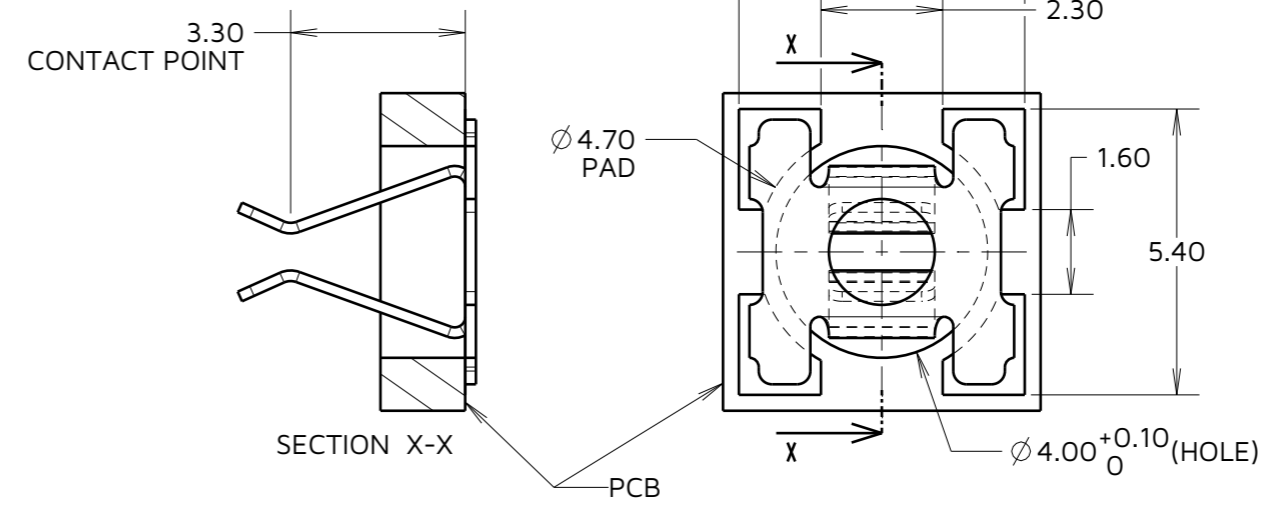
- MATERIAL:**
PHOSPHOR BRONZE
- FINISH:**
4.0 μ m MIN 100% TIN OVER 2.0 μ m MIN NICKEL
- ELECTRICAL:**
CURRENT RATING = 9A MAX WITH A $\phi 1.10$ mm PIN
CONTACT RESISTANCE (BEFORE CYCLING) = 2.67m Ω
CONTACT RESISTANCE (50 CYCLES) = 2.67m Ω
DURABILITY = 100 OPERATIONS
- MECHANICAL:**
MAX INSERTION FORCE WITH $\phi 1.10$ mm PIN = 2.8N
MAX INSERTION FORCE WITH $\phi 1.80$ mm PIN = 6.0N
MIN WITHDRAWAL FORCE WITH $\phi 1.10$ mm PIN = 0.3N
MIN WITHDRAWAL FORCE WITH $\phi 1.80$ mm PIN = 0.5N
- ENVIRONMENTAL:**
OPERATING TEMPERATURE = -40° C TO +105° C
FOR COMPLETE SPECIFICATION, SEE HARWIN TEST REPORT SUMMARY HT007XX (LATEST ISSUE).



COMPONENT DIMENSIONS



RECOMMENDED PCB PAD LAYOUT (TOLERANCE = ± 0.05)



RTP	9	04.07.23	32720
NAME	ISS.	DATE	CN/CO
APPROVED:		R.PORTLOCK	
CHECKED:		F.CHRISPINE	
DRAWN:		S.FLOWER	
ASSEMBLY DRG:			



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

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MATERIAL:
SEE ABOVE

TITLE:
SMT CONTACT CLIP
IN TAPE & REEL

DRAWING NUMBER:
S9101-46R

SHT 2 OF 2

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