

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:

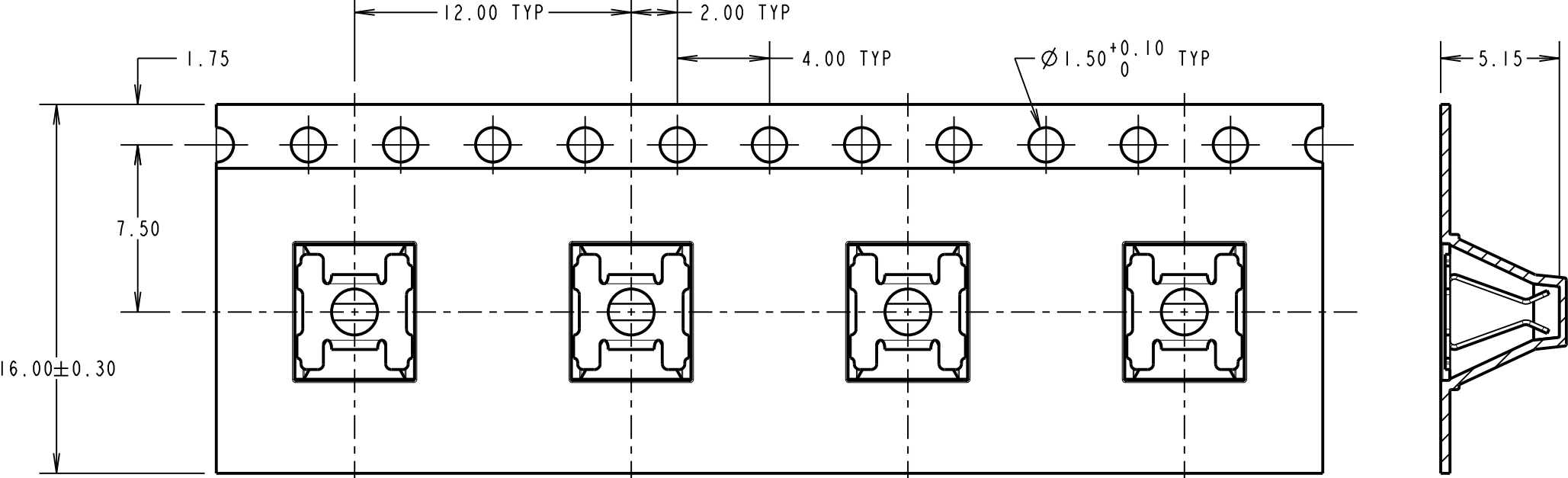
MATERIAL:
PHOSPHOR BRONZE

FINISH:
 $4.0\mu\text{m}$ MIN 100% TIN OVER $2.0\mu\text{m}$ MIN NICKEL

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

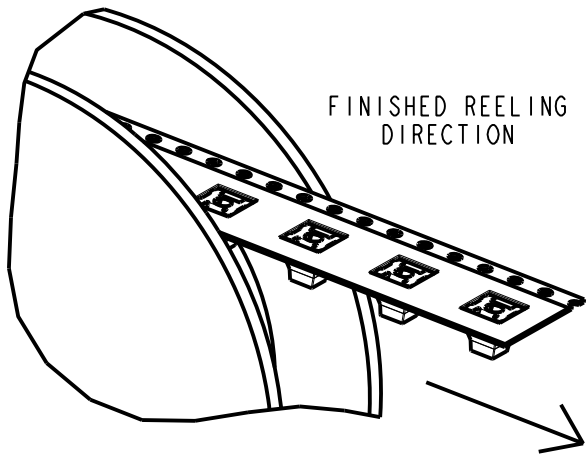
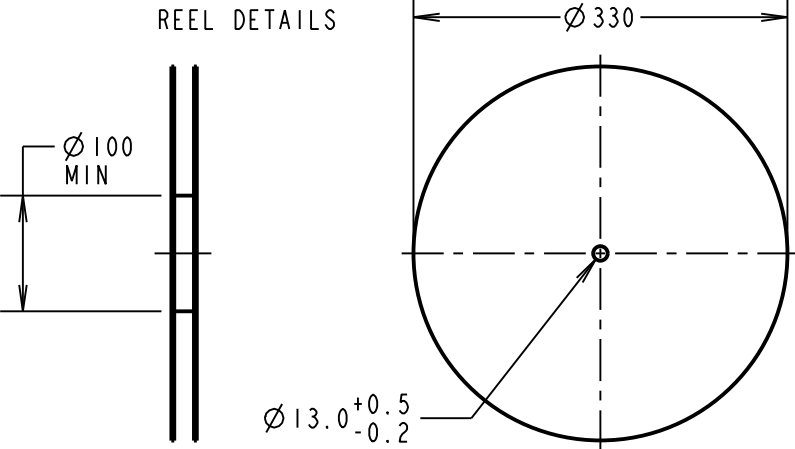
MECHANICAL:
MAX INSERTION FORCE WITH $\varnothing 1.10\text{mm}$ PIN = 2.8N
MAX INSERTION FORCE WITH $\varnothing 1.80\text{mm}$ PIN = 6.0N
MIN WITHDRAWAL FORCE WITH $\varnothing 1.10\text{mm}$ PIN = 0.3N
MIN WITHDRAWAL FORCE WITH $\varnothing 1.80\text{mm}$ PIN = 0.5N

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



SECTION X-X

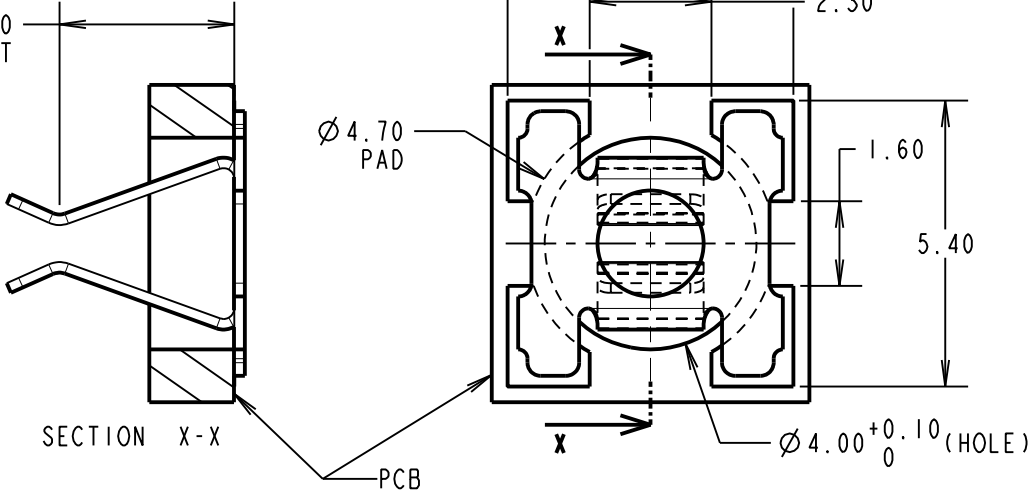
REEL DETAILS



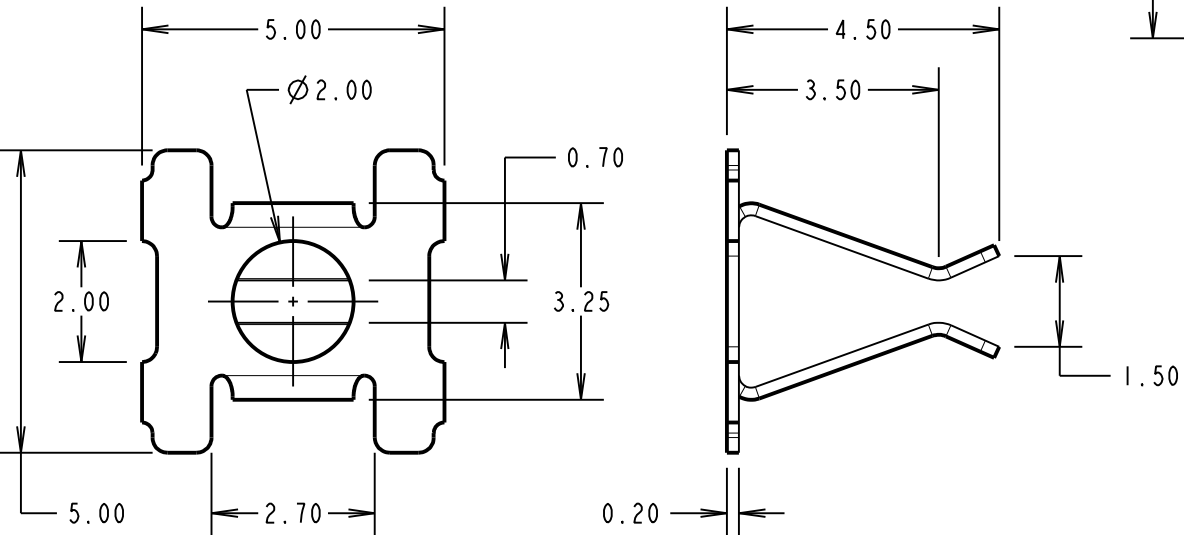
FINISHED REELING DIRECTION

RECOMMENDED PCB PAD LAYOUT
(TOLERANCE = ± 0.05)

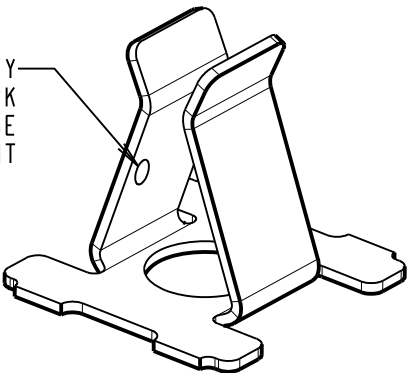
CONTACT POINT



COMPONENT DIMENSIONS



CAVITY ID MARK MAY BE PRESENT



HARWIN

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

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

SMT CONTACT CLIP
IN TAPE & REEL

DRAWING NUMBER:

S9101-46R

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