

# Customer Information Sheet

DRAWING No.: S9101-46

SHEET 2 OF 2

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. MAX PERMISSIBLE BURR AFTER CROP IS 0.05mm AND SHOULD BE ON NOTED FACE.
5. RECOMMENDED MINIMUM PIN SIZE IS  $\varnothing 1.10$  OR 1.10 SQUARE. RECOMMENDED MAXIMUM PIN SIZE IS  $\varnothing 1.80$  OR 1.40 SQUARE.
6. REVISED DIMENSION IS FOR THE LIFE OF EXISTING TOOL ONLY.

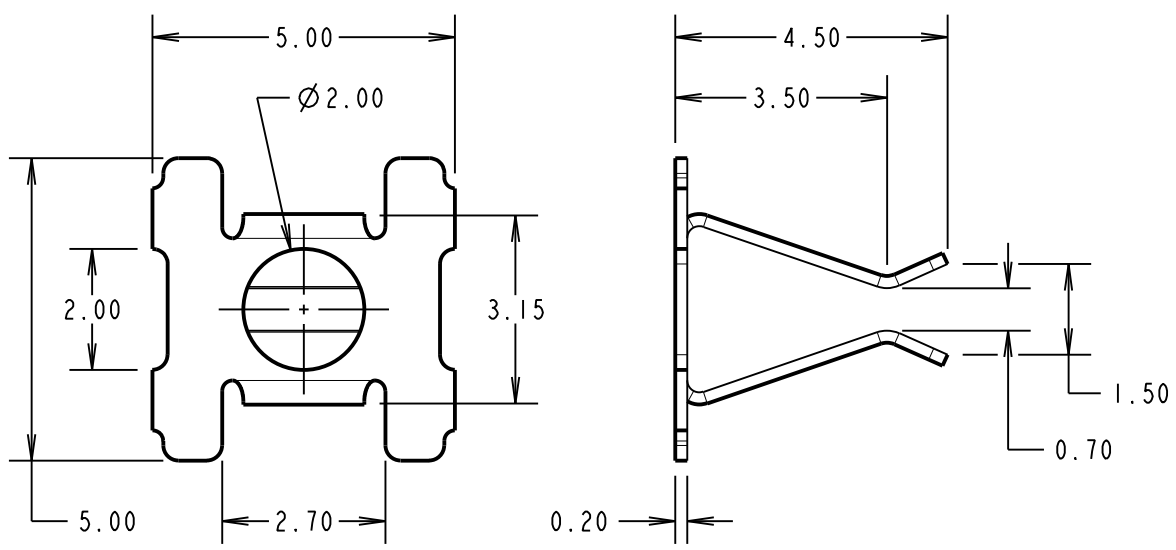
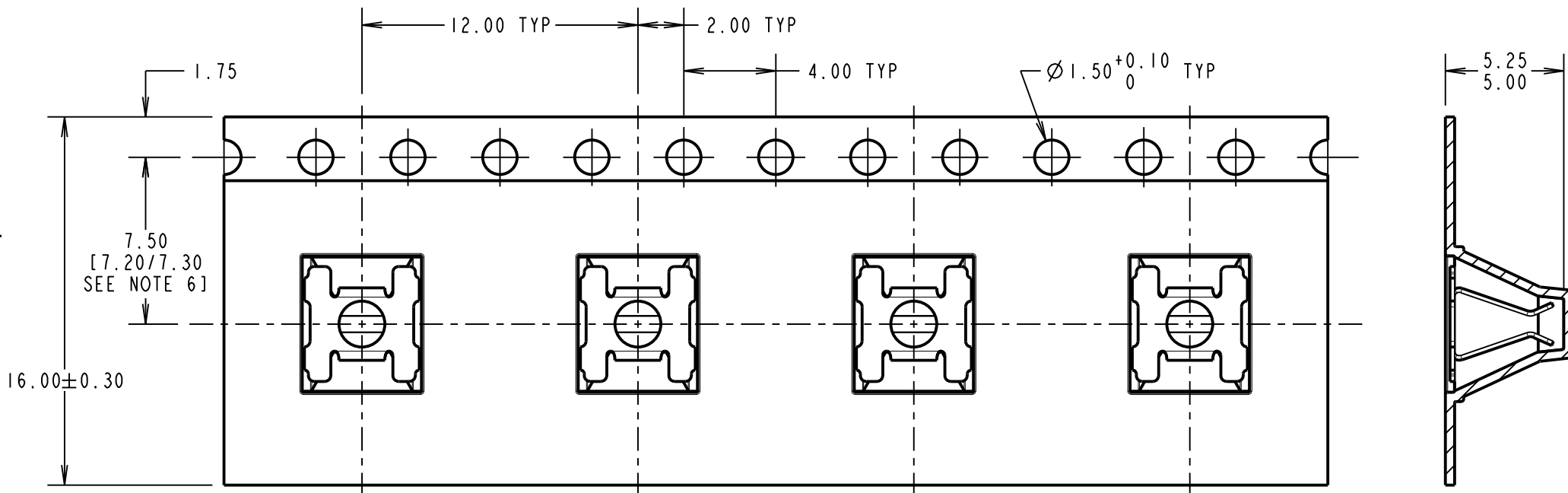
**COMPONENT SPECIFICATION:**

**MATERIAL:**  
PHOSPHOR BRONZE

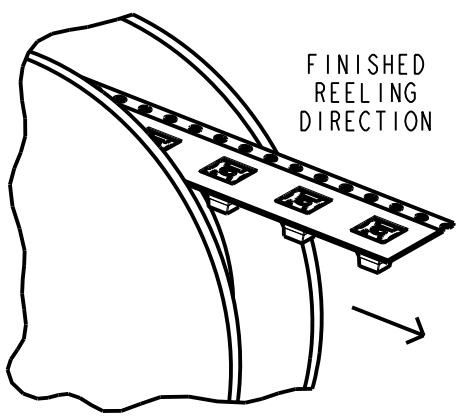
**FINISH:**  
4 $\mu$  MIN 100% TIN OVER 2 $\mu$  NICKEL

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

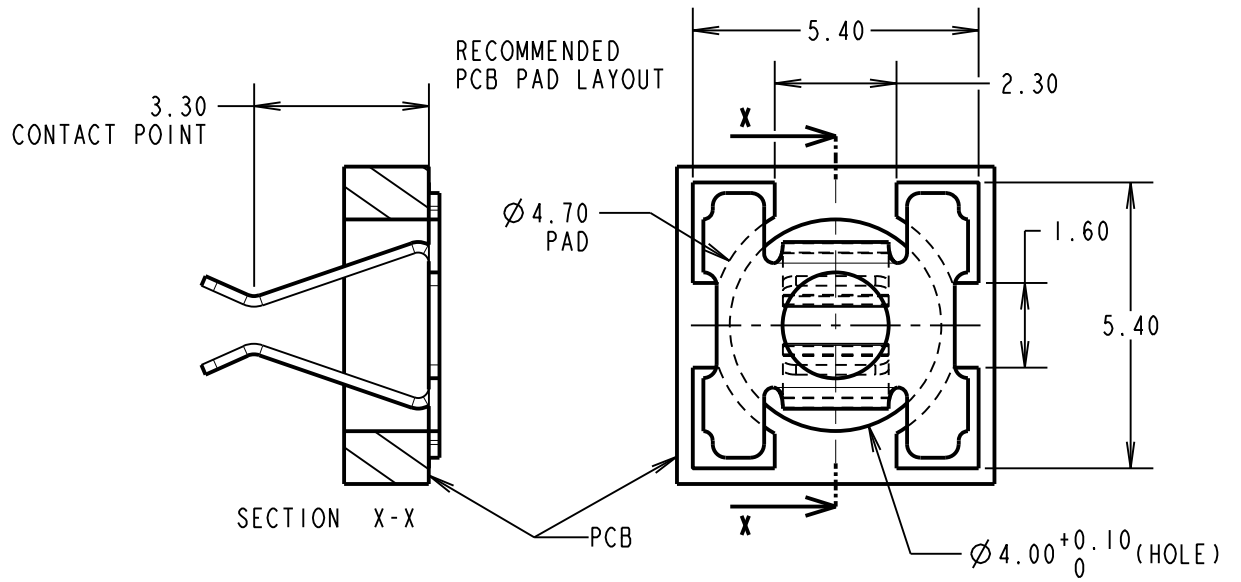
**ENVIRONMENTAL:**  
OPERATING TEMPERATURE = -40°C TO +105°C  
MAX INSERTION FORCE WITH  $\varnothing 1.10$ mm PIN = 2.8N  
MAX INSERTION FORCE WITH  $\varnothing 1.80$ mm PIN = 4.5N  
MIN WITHDRAWAL FORCE WITH  $\varnothing 1.10$ mm PIN = 0.3N  
MIN WITHDRAWAL FORCE WITH  $\varnothing 1.80$ mm PIN = 0.5N  
FOR COMPLETE SPECIFICATION, SEE HARWIN TEST REPORT SUMMARY HT007XX (LATEST ISSUE).



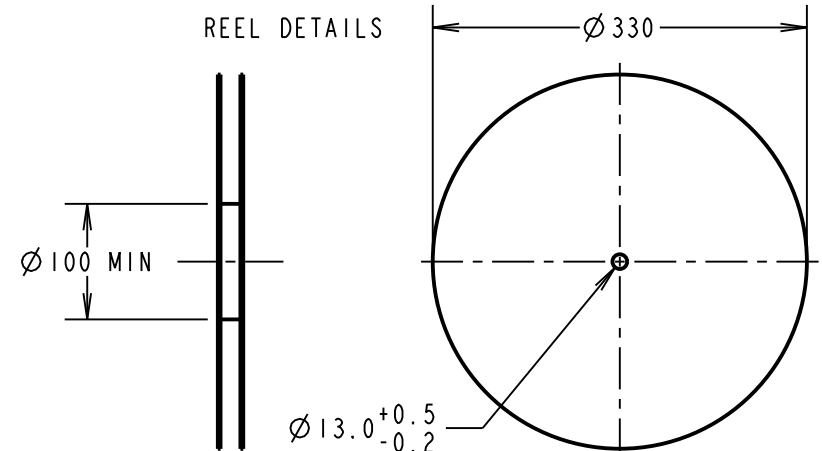
COMPONENT DIMENSIONS



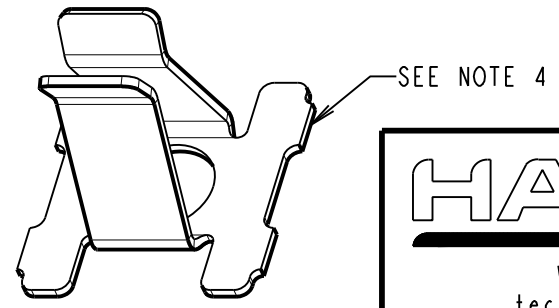
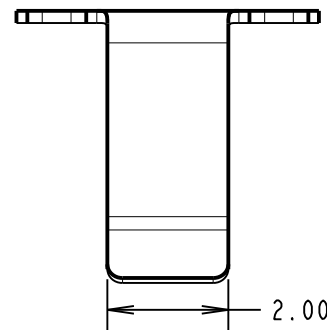
FINISHED REELING DIRECTION



REEL DETAILS



SB	4	03.06.14	12346
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.PLESTED			
DRAWN: S.FLOWER			
CUSTOMER REF.:			
ASSEMBLY DRG:			



**HARWIN**

www.harwin.com  
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

**TOLERANCES**  
X. =  $\pm 1$ mm  
X.X =  $\pm 0.25$ mm  
X.XX =  $\pm 0.10$ mm  
X.XXX =  $\pm 0.01$ mm  
ANGLES =  $\pm 5^\circ$   
UNLESS STATED

**MATERIAL:**  
SEE ABOVE

**FINISH:**

**S/AREA:** mm<sup>2</sup>

**TITLE:**  
SMT CONTACT CLIP  
IN TAPE & REEL

**DRAWING NUMBER:**  
S9101-46R