

# Customer Information Sheet

DRAWING No.: S9091-46R

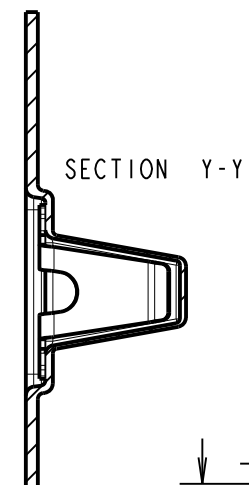
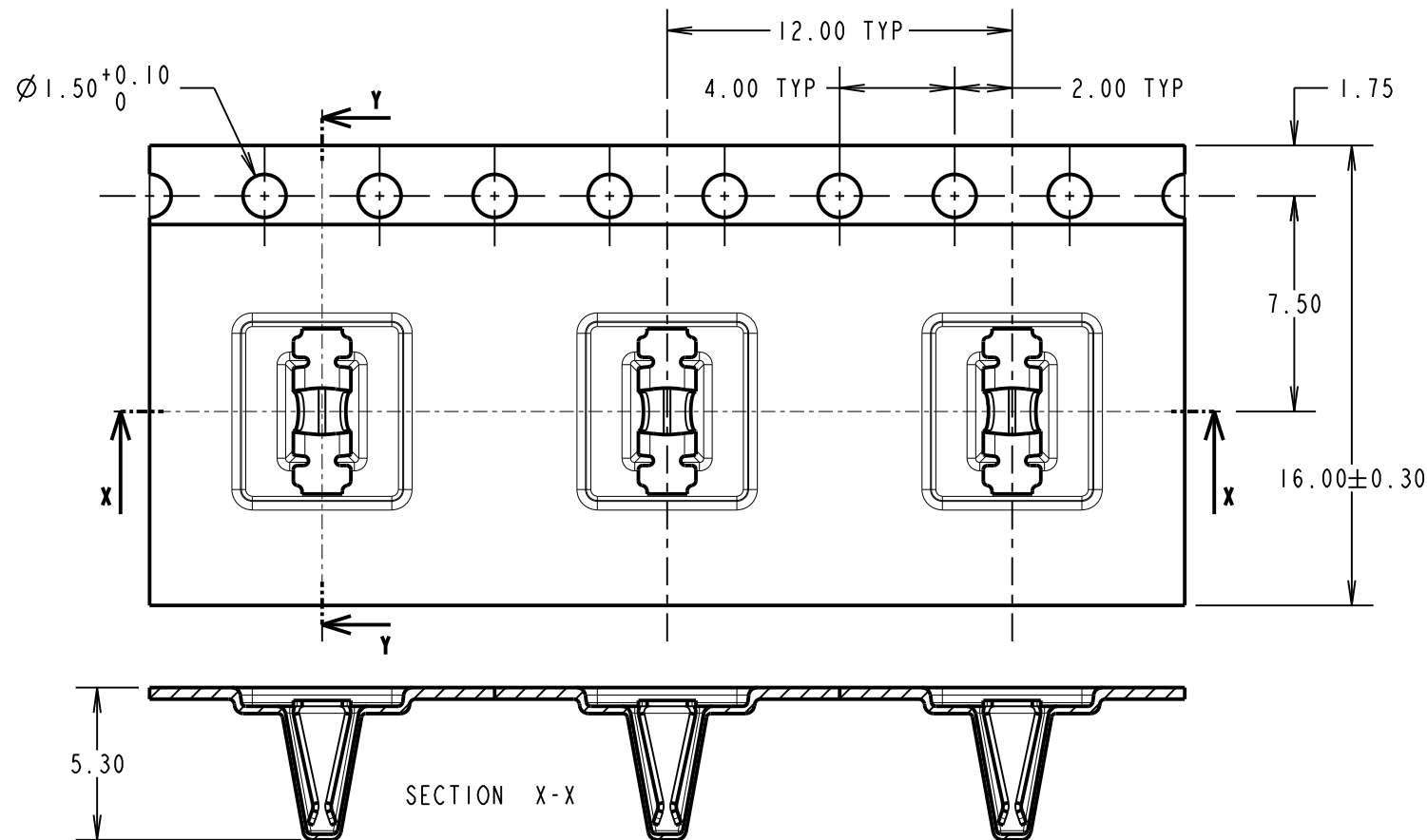
IF IN DOUBT - ASK

©

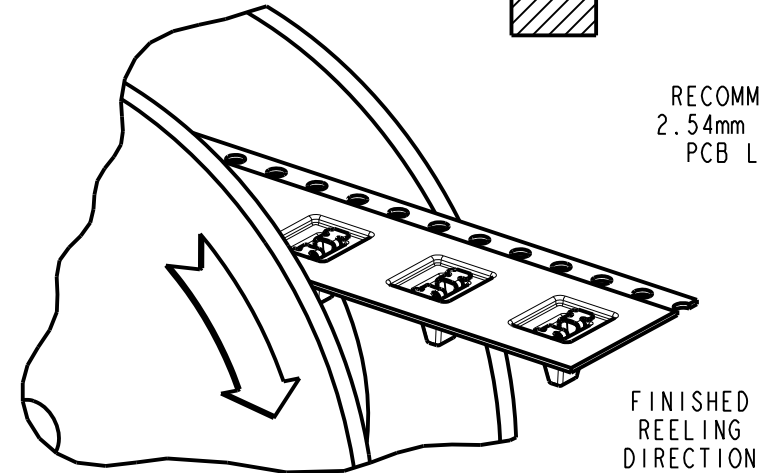
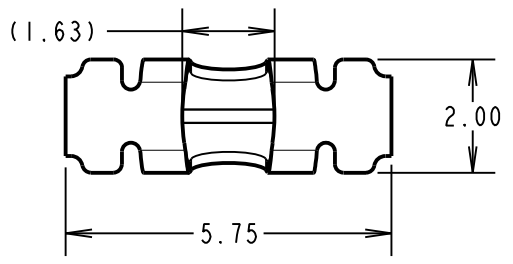
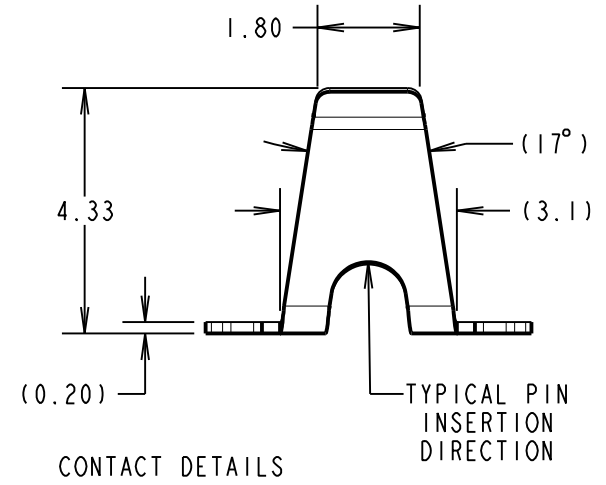
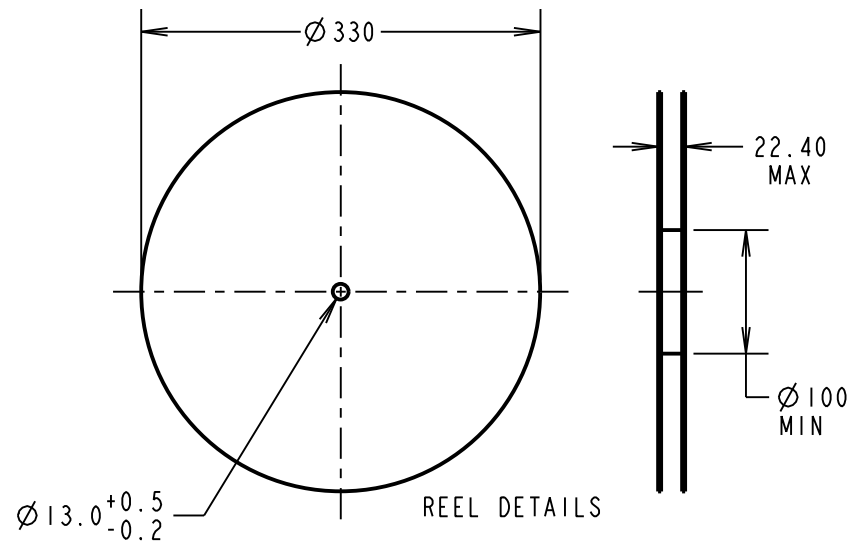
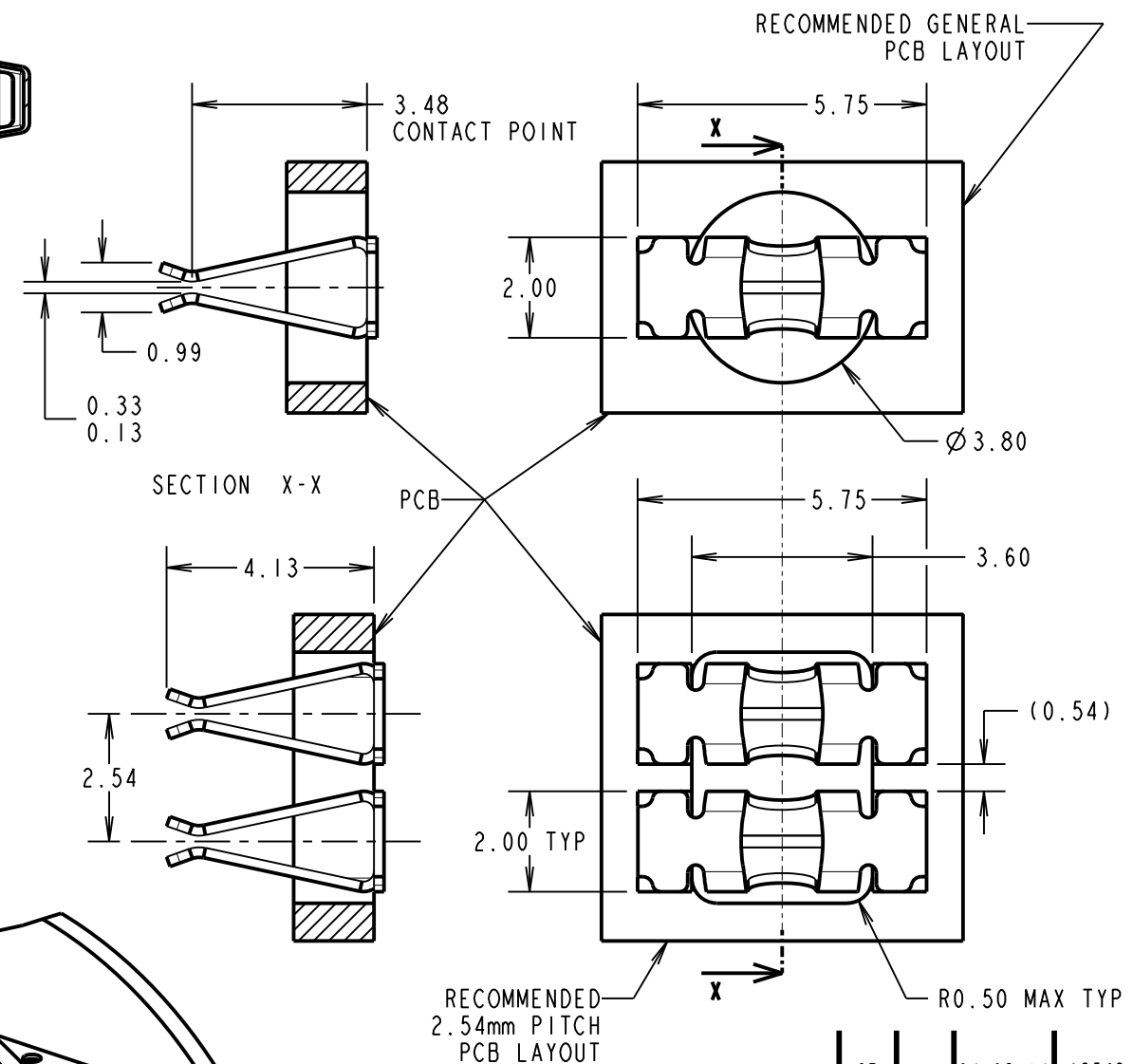
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



- NOTES:
1. QUANTITY OF COMPONENTS PER REEL = 900.
  2. THIS PRODUCT IS TAPED AND REELED IN GENERAL ACCORDANCE WITH EIA-481-2 (ELECTRONICS INDUSTRIES ASSOCIATION).
  3. RECOMMENDED MINIMUM PIN SIZE IS  $\varnothing 0.80\text{mm}$  OR  $0.80\text{mm}$  SQUARE. RECOMMENDED MAXIMUM PIN SIZE IS  $\varnothing 1.50\text{mm}$  OR  $1.50\text{mm}$  SQUARE.
  4. THROUGHOUT OPERATION, IT IS RECOMMENDED THAT THE MATING PIN IS KEPT CONSISTENT. THIS WILL REDUCE RISK OF PERFORMANCE CHANGES CAUSED BY PERMANENT SET FROM PREVIOUSLY USING A LARGER PIN.



**COMPONENT SPECIFICATION:**  
 MATERIAL = PHOSPHOR BRONZE  
 FINISH = 4.0-5.0 $\mu$  100% TIN OVER 2.0-2.5 $\mu$  NICKEL  
**ELECTRICAL:**  
 CURRENT RATING = 5A  
 CONTACT RESISTANCE = 20m $\Omega$  MAX  
 DURABILITY = 25 CYCLES  
**MECHANICAL:**  
 MAX INSERTION FORCE WITH  $\varnothing 1.00\text{mm}$  PIN = 8.0N  
 MAX INSERTION FORCE WITH  $\varnothing 1.50\text{mm}$  PIN = 17.0N  
 MIN WITHDRAWAL FORCE WITH  $\varnothing 1.00\text{mm}$  PIN = 0.5N  
 MIN WITHDRAWAL FORCE WITH  $\varnothing 1.50\text{mm}$  PIN = 1.0N  
**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE = -40°C TO +105°C

SB	1	04.08.14	12548
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		S.BENNETT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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

**MATERIAL:** SEE ABOVE  
**FINISH:** SEE ABOVE  
**S/AREA:** mm<sup>2</sup>

**TITLE:** SMT SOCKET CONTACT IN TAPE AND REEL  
**DRAWING NUMBER:** S9091-46R  
 SHT 2 OF 2