

# Customer Information Sheet

DRAWING No.: S7251-45R

IF IN DOUBT - ASK

(C)

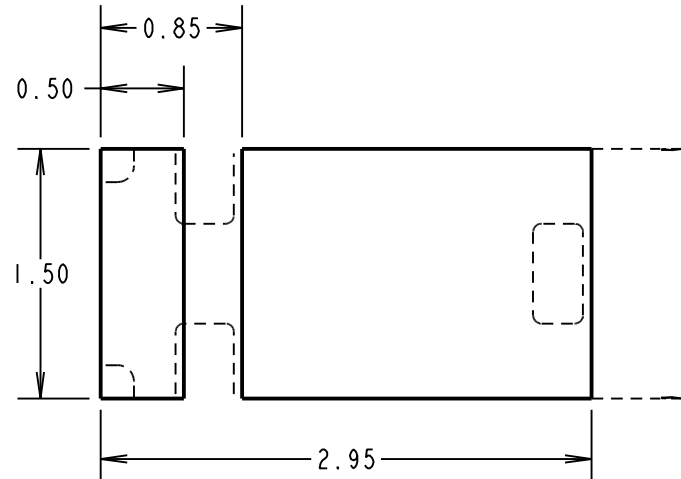
NOT TO SCALE

THIRD ANGLE PROJECTION

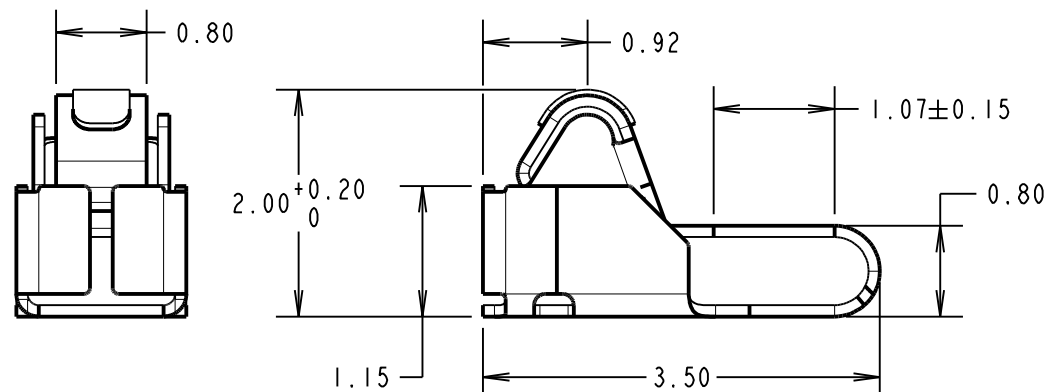
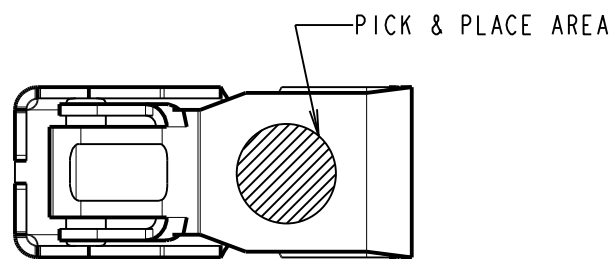
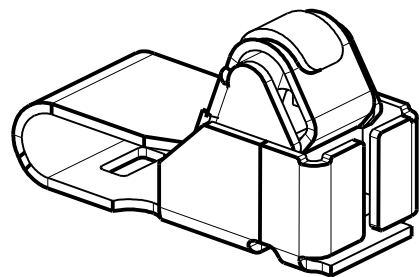
ALL DIMENSIONS IN mm

**NOTES:**

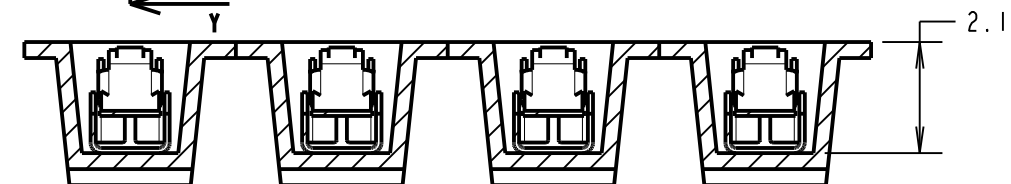
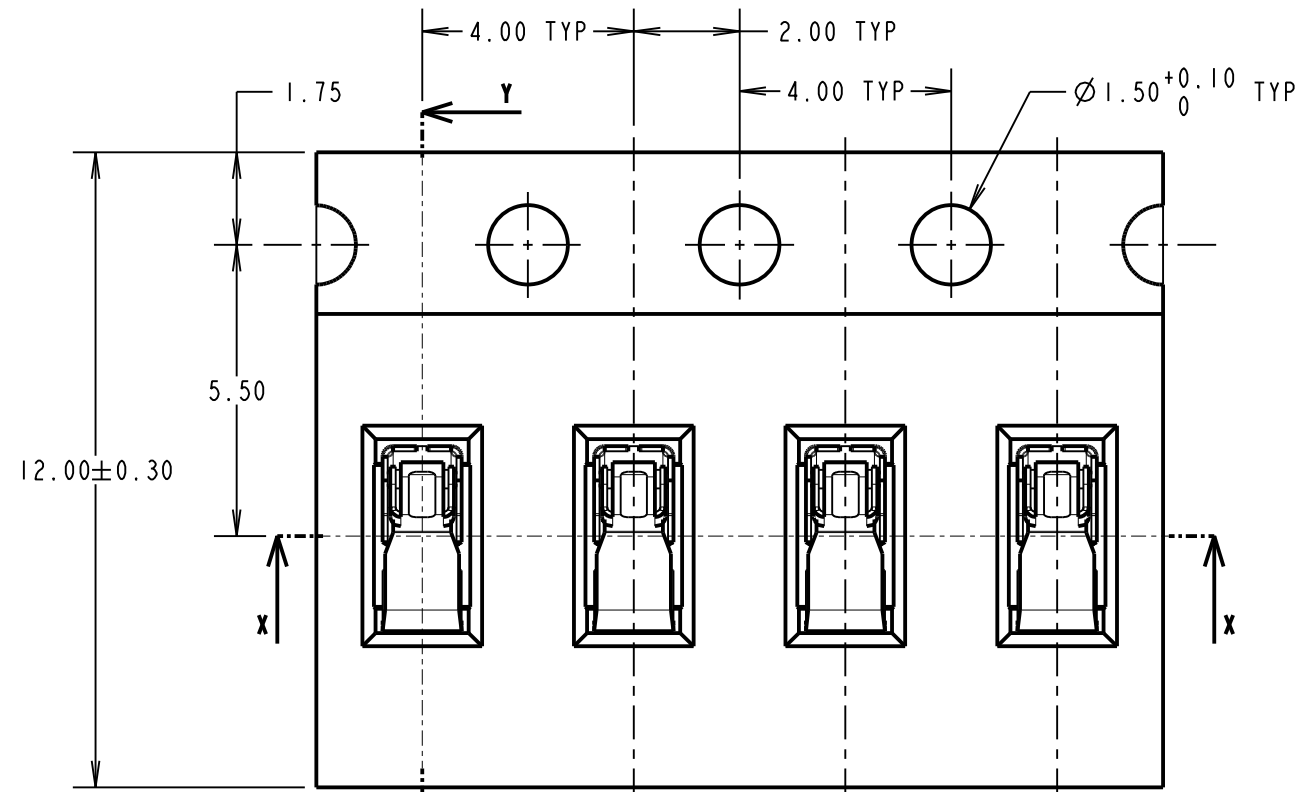
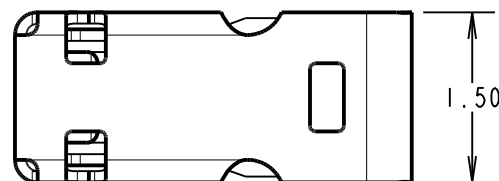
1. QUANTITY PER REEL = 7,000.
2. THIS PRODUCT IS TAPED AND REELED IN GENERAL ACCORDANCE WITH EIA-481-2 (ELECTRONICS INDUSTRIES ASSOCIATION).



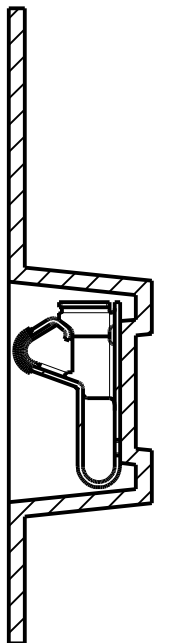
RECOMMENDED PCB LAYOUT  
(TOLERANCE = ±0.05)



COMPONENT DETAILS



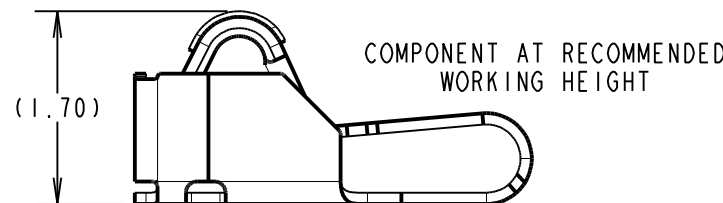
SECTION X-X



SECTION Y-Y

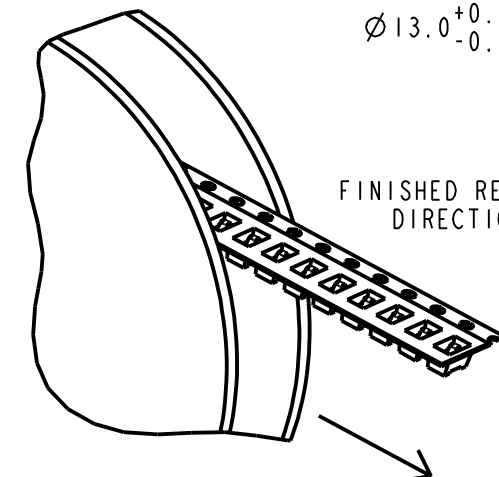
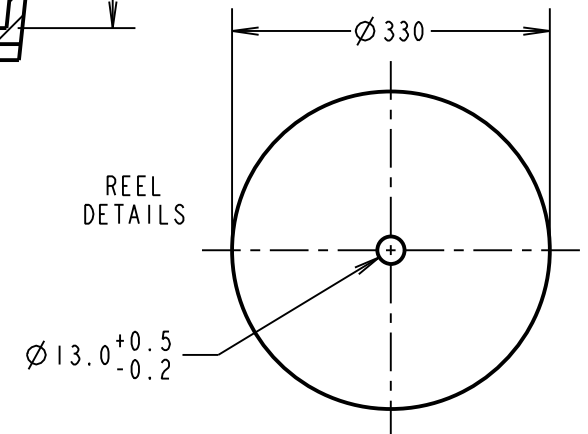
**SPECIFICATION:**

MATERIAL = TITANIUM COPPER ALLOY, 0.08mm THICK  
 FINISH = 1.5µ-3.5µ NICKEL ALL OVER, 0.1µ GOLD ON TOP  
 CONTACT AREA AND GOLD FLASH ON BASE  
**ELECTRICAL:**  
 CONTACT RESISTANCE = 50mΩ MAX  
 CURRENT RATING = 1A  
 VOLTAGE RATING = 250V AC  
**MECHANICAL:**  
 DURABILITY = 10,000 CYCLES  
 RECOMMENDED WORKING HEIGHT = 1.70mm / MIN FORCE = 0.39N  
 RECOMMENDED MINIMUM WORKING HEIGHT = 1.40mm  
**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE = -40°C TO +85°C



COMPONENT AT RECOMMENDED WORKING HEIGHT

**REEL DETAILS**



FINISHED REELING DIRECTION

MSP	2	30.11.15	13179
NAME	ISS.	DATE	C/NOTE
APPROVED:		M. PERREN	
CHECKED:		S. BENNETT	
DRAWN:		S. BENNETT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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technical@harwin.com

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**TOLERANCES**  
 X. = ±1mm  
 X.X = ±0.50mm  
 X.XX = ±0.10mm  
 X.XXX = ±0.01mm  
 ANGLES = ±5°  
 UNLESS STATED

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

**TITLE:** SMT SPRING CONTACT  
(1.50mm HIGH)  
IN TAPE AND REEL

**DRAWING NUMBER:** S7271-45R

SHT 2 OF 2