

Customer Information Sheet

DRAWING No.: S1961-46R

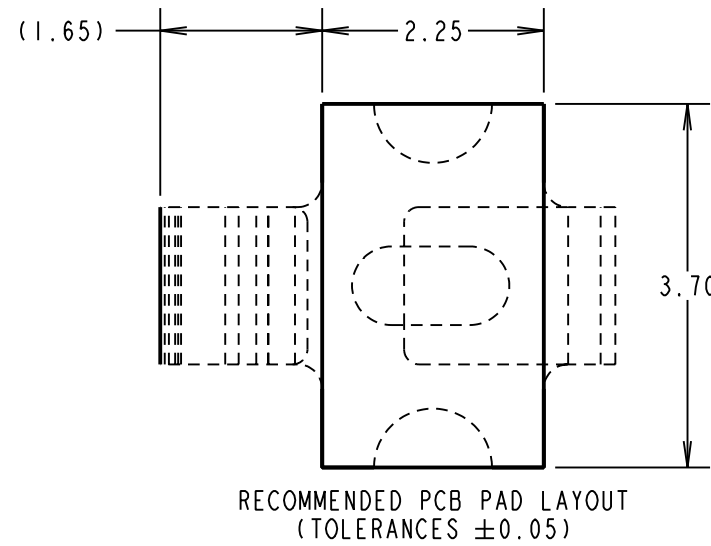
IF IN DOUBT - ASK

©

NOT TO SCALE

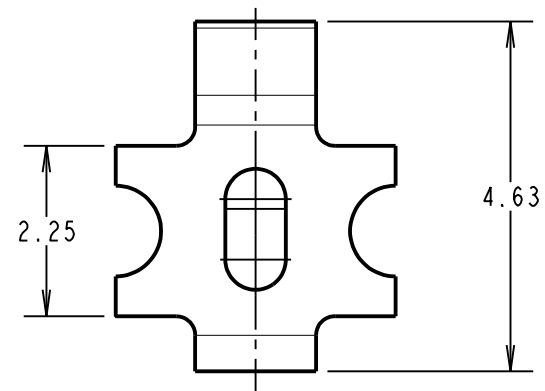
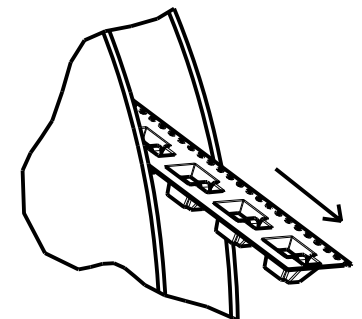
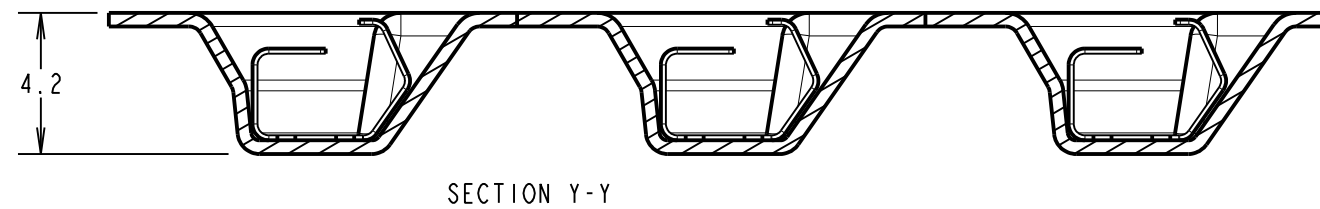
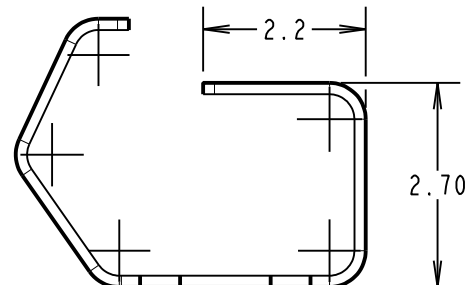
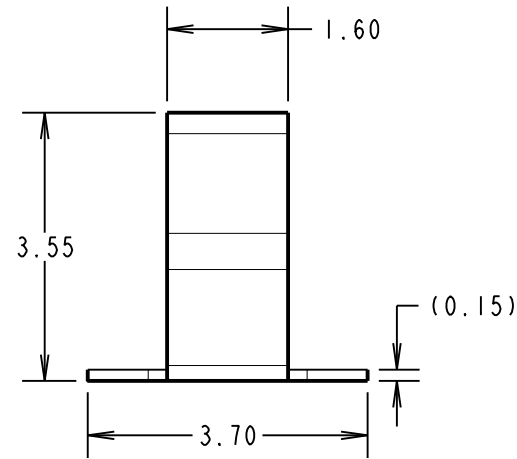
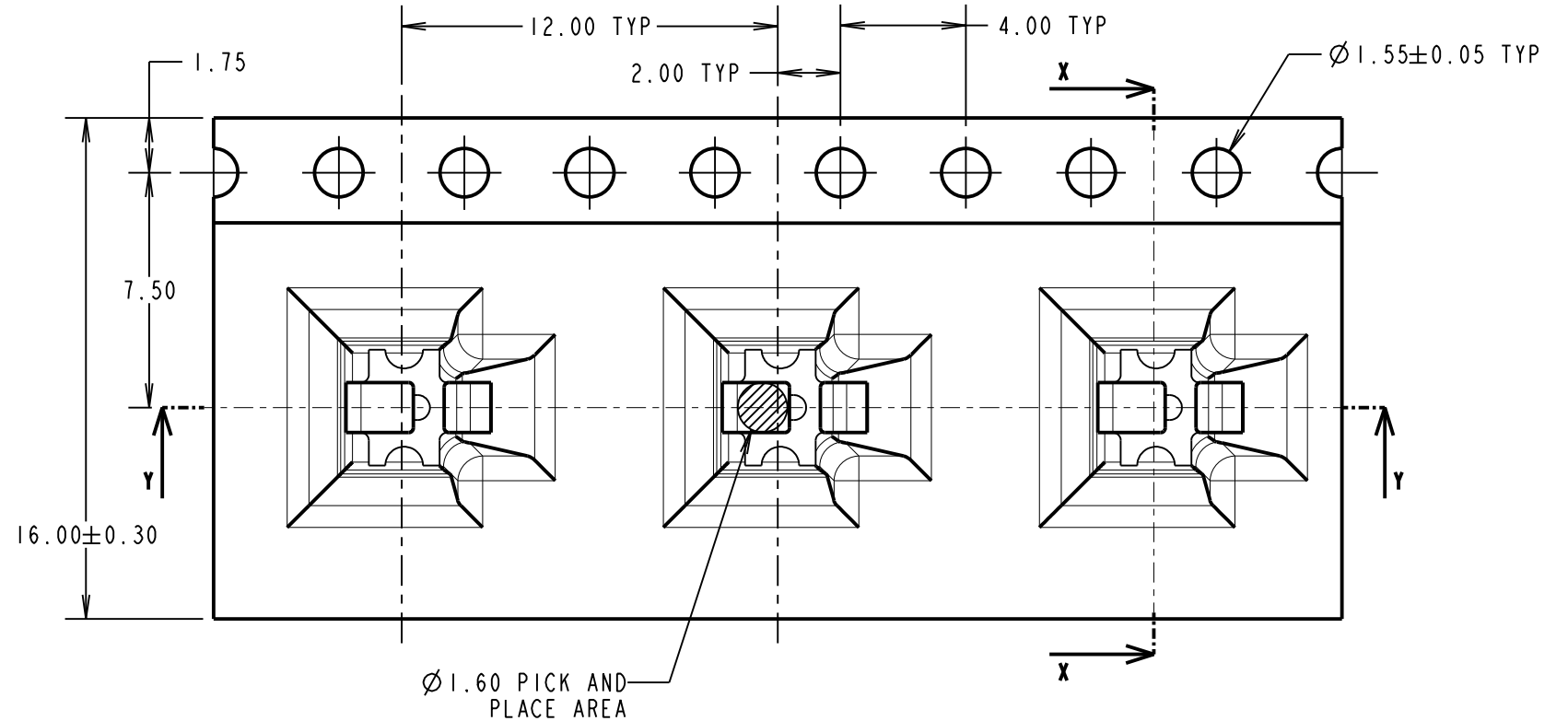
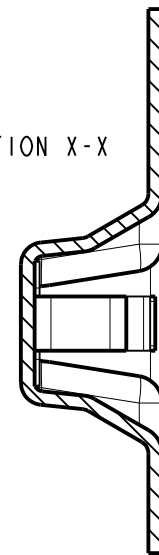
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

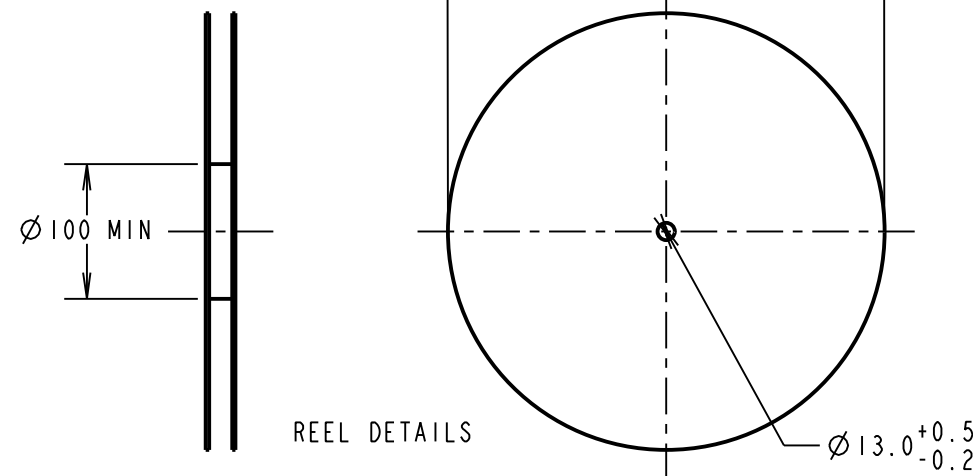
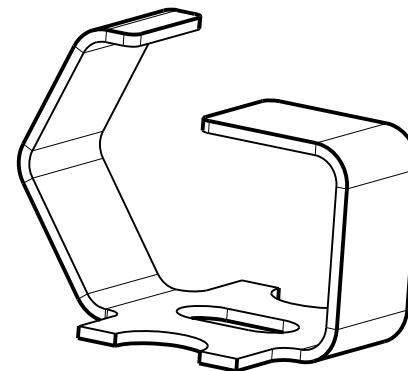


- NOTES:
 1. QUANTITY OF COMPONENTS PER REEL = 1200.
 2. THIS PRODUCT IS TAPED AND REELED IN ACCORDANCE WITH EIA-481 (ELECTRONICS INDUSTRIES ASSOCIATION).

SECTION X-X



COMPONENT DETAILS



RTP	1	20.04.21	30447
NAME	ISS.	DATE	CN/CO
APPROVED: S.BENNETT			
CHECKED: R.ALEXANDER			
DRAWN: R.PORTLOCK			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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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

MATERIAL:

SEE SHEET 3

FINISH:

SEE SHEET 3

S/AREA:

mm²

TITLE:

MULTI-DIRECTIONAL SPRING CONTACT
IN TAPE AND REEL

DRAWING NUMBER:

S1961-46R

SHT
2 OF 3

Customer Information Sheet

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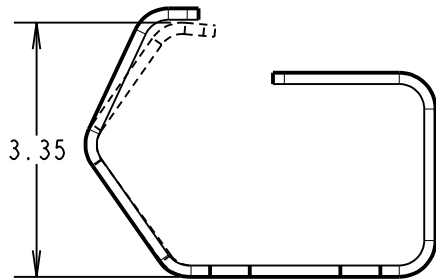
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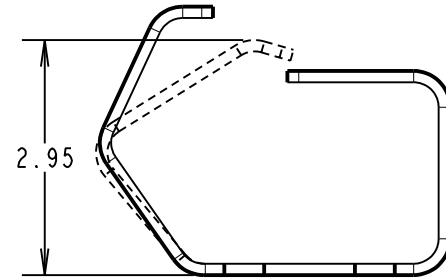
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**S1961-46R
DEFLECTION FROM ABOVE**

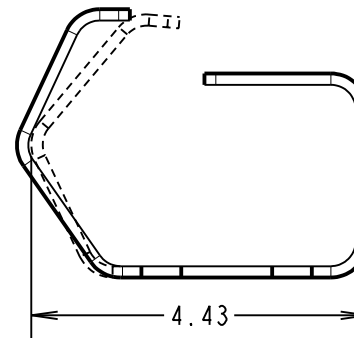


RECOMMENDED WORKING HEIGHT
OF 3.35mm = 0.20mm DEFLECTION,
MINIMUM FORCE OF 1.2N

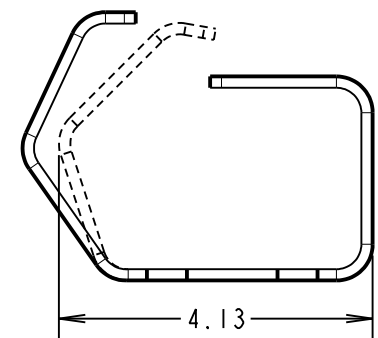


MINIMUM RECOMMENDED HEIGHT
OF 2.95mm = 0.60mm DEFLECTION

**S1961-46R
DEFLECTION FROM FRONT**



RECOMMENDED WORKING LENGTH
OF 4.43mm = 0.20mm DEFLECTION
MINIMUM FORCE OF 1.2N



MINIMUM RECOMMENDED LENGTH
OF 4.13mm = 0.50mm DEFLECTION

COMPONENT SPECIFICATION:
 MATERIAL = CUPRO NICKEL
 FINISH = 3µm 100% TIN OVER 2µm NICKEL
 ELECTRICAL:
 CURRENT RATING = 14A
 CONTACT RESISTANCE = 2mΩ MAX.
 MECHANICAL:
 DURABILITY = 5,000 CYCLES
 OPERATING TEMPERATURE: -55°C to +125°C

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 X.X = ±0.50mm
 X.XX = ±0.20mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

MULTI-DIRECTIONAL SPRING CONTACT
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3
OF
3