

Customer Information Sheet

DRAWING No.: S1941-XXR

SHEET 2 OF 3

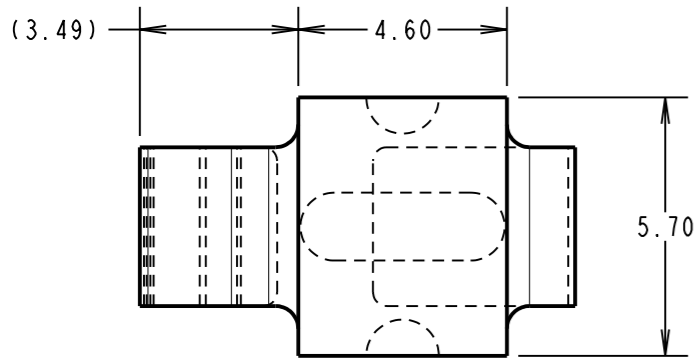
IF IN DOUBT - ASK

(C)

NOT TO SCALE

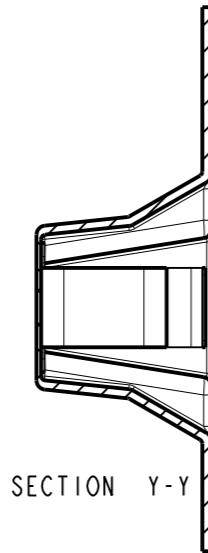
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

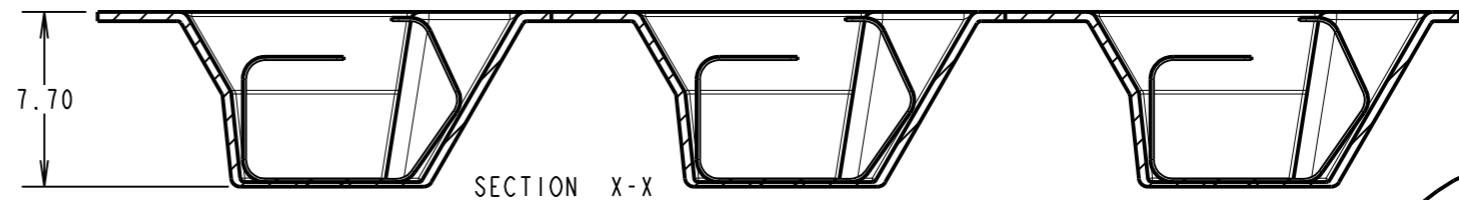
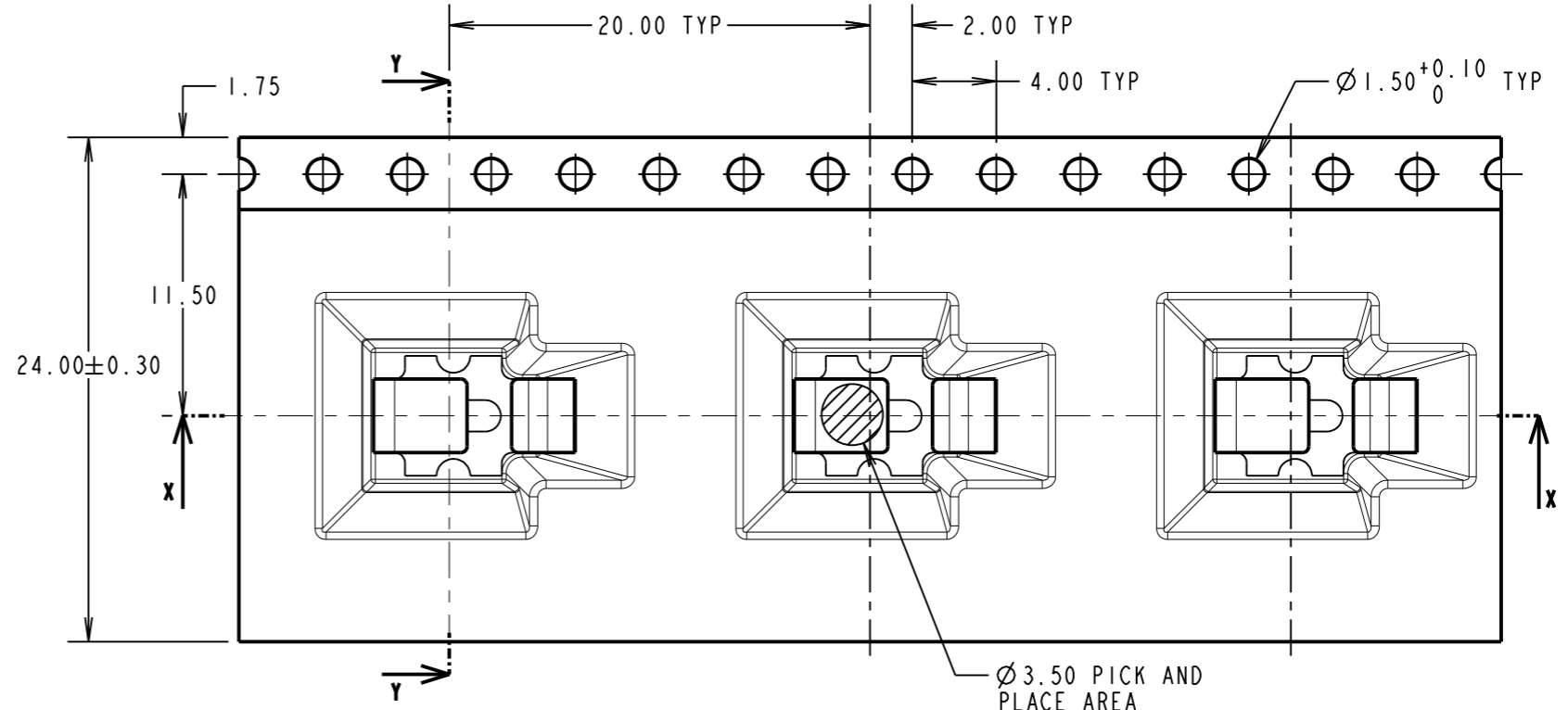


RECOMMENDED PCB PAD LAYOUT

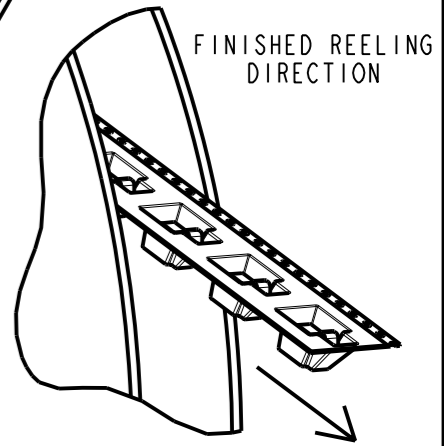
- NOTES:
 1. QUANTITY OF COMPONENTS PER REEL = 350.
 2. THIS PRODUCT IS TAPED AND REELED IN ACCORDANCE WITH EIA-481 (ELECTRONICS INDUSTRIES ASSOCIATION).



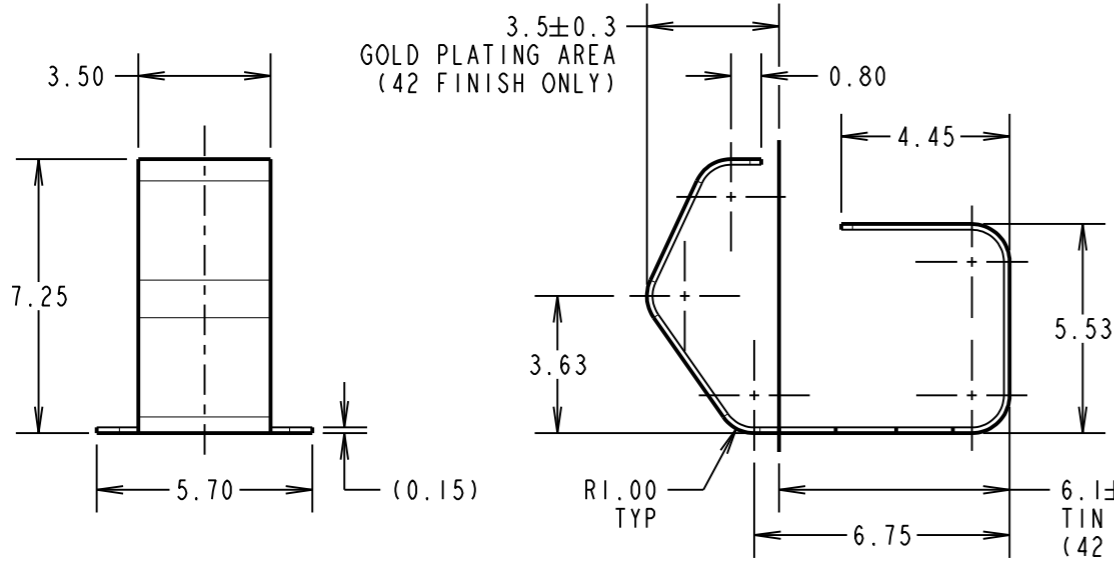
SECTION Y-Y



SECTION X-X

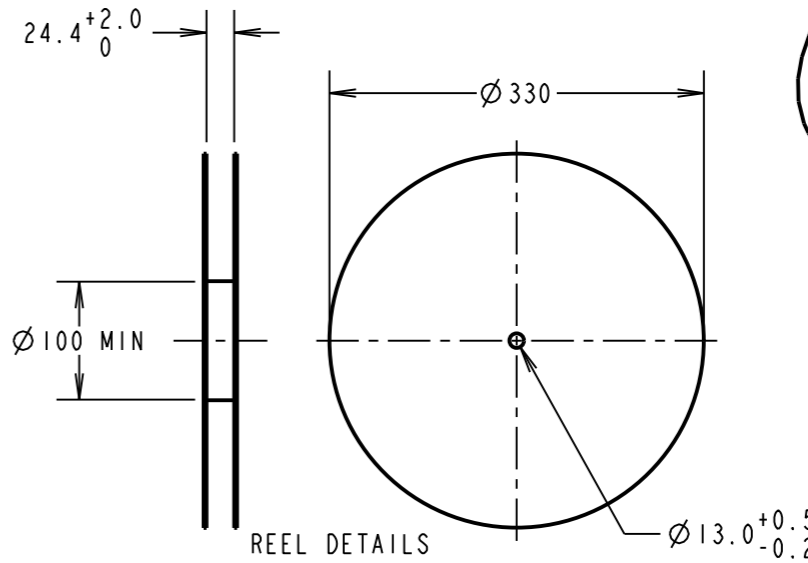
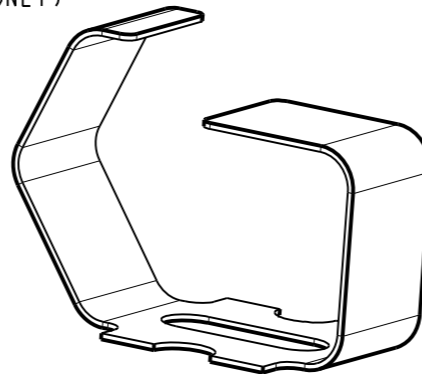


FINISHED REELING DIRECTION

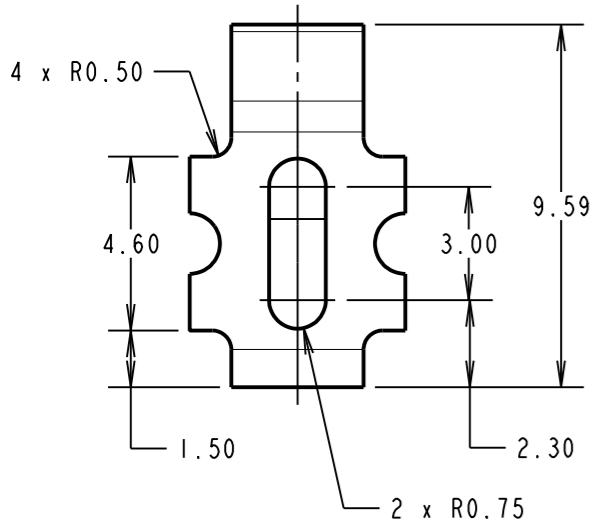


COMPONENT DETAILS

ORDER CODE:
S1941-XXR
 FINISH:
 42 - SELECTIVE GOLD & TIN
 46 - 100% TIN ALL OVER



REEL DETAILS



SB	6	29.09.16	20106
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		M.PERREN	
DRAWN:		S.BENNETT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
 technical@harwin.com

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TOLERANCES
 X. = ±1mm
 X.X = ±0.25mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

MATERIAL: SEE ABOVE
 FINISH: SEE ABOVE
 S/AREA: mm²

TITLE:
 MULTI-DIRECTIONAL SHIELD FINGER
 IN TAPE AND REEL

DRAWING NUMBER:
S1941-XXR

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SHEET 3 OF 3

IF IN DOUBT - ASK

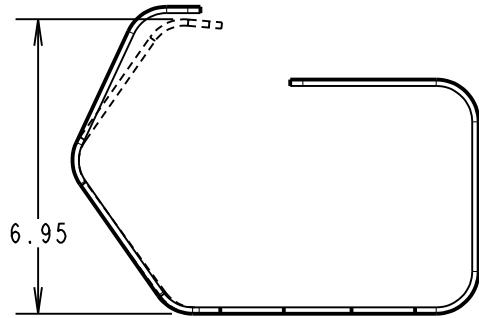


NOT TO SCALE

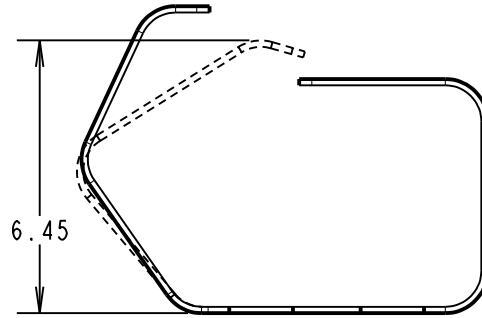
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**S1941-46R
DEFLECTION FROM ABOVE**

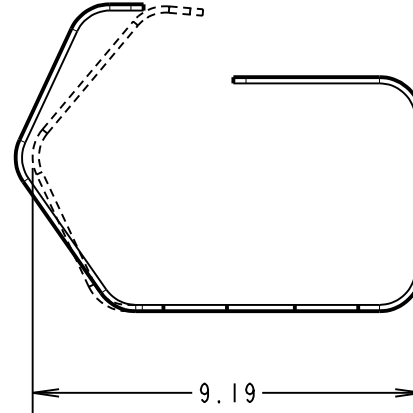


RECOMMENDED WORKING HEIGHT
OF 6.95mm = 0.30mm DEFLECTION,
MINIMUM FORCE OF 1.2N

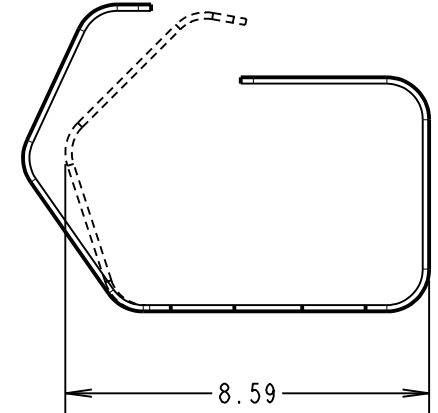


MINIMUM RECOMMENDED HEIGHT
OF 6.45mm = 0.80mm DEFLECTION

**S1941-46R
DEFLECTION FROM FRONT**



RECOMMENDED WORKING LENGTH
OF 9.19mm = 0.40mm DEFLECTION,
MINIMUM FORCE OF 1.2N



MINIMUM RECOMMENDED LENGTH
OF 8.59mm = 1.00mm DEFLECTION

COMPONENT SPECIFICATION:

MATERIAL = BERYLLIUM COPPER

FINISH:

42 = 2 μ NICKEL ALL OVER,
0.15 μ GOLD ON CONTACT AREA,
3 μ 100% TIN ON BASE

46 = 3 μ 100% TIN OVER 2 μ NICKEL

ELECTRICAL:

CURRENT RATING = 9A MAX

CONTACT RESISTANCE = 20m Ω MAX

MECHANICAL:

DURABILITY = 5000 CYCLES

SB	6	29.09.16	20106
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		M.PERREN	
DRAWN:		S.BENNETT	
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 = ± 0.10 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

MULTI-DIRECTIONAL SHIELD FINGER
IN TAPE AND REEL

DRAWING NUMBER:

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SHT
3
OF
3