

Customer Information Sheet

DRAWING No.: S1941-XXR

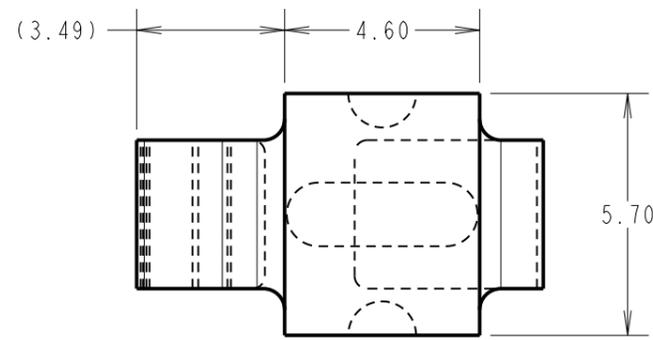
IF IN DOUBT - ASK

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NOT TO SCALE

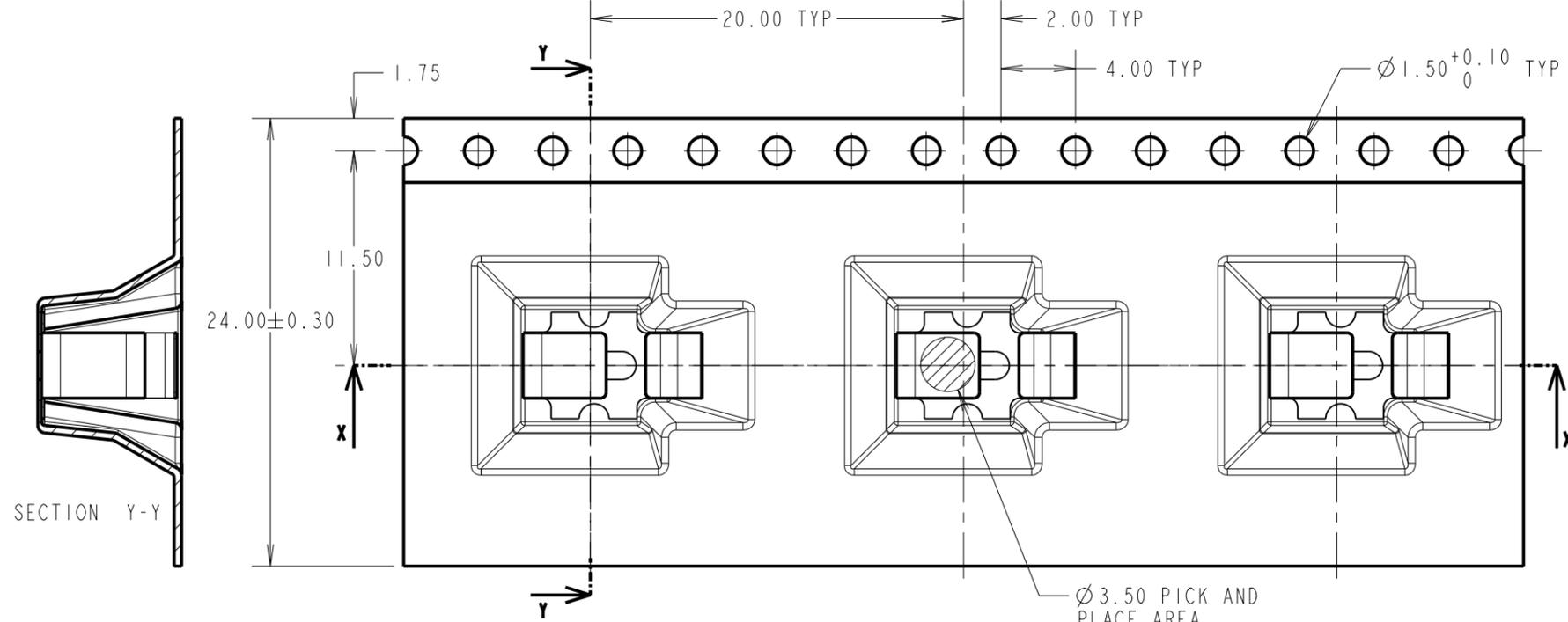
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



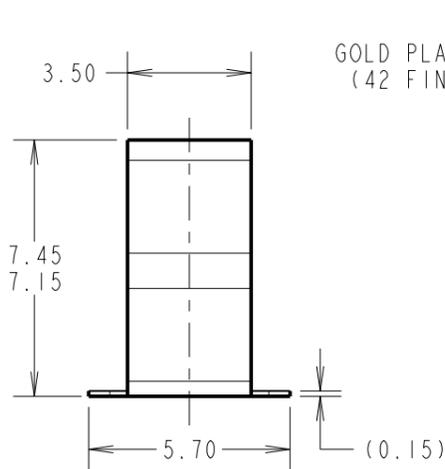
RECOMMENDED PCB PAD LAYOUT

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

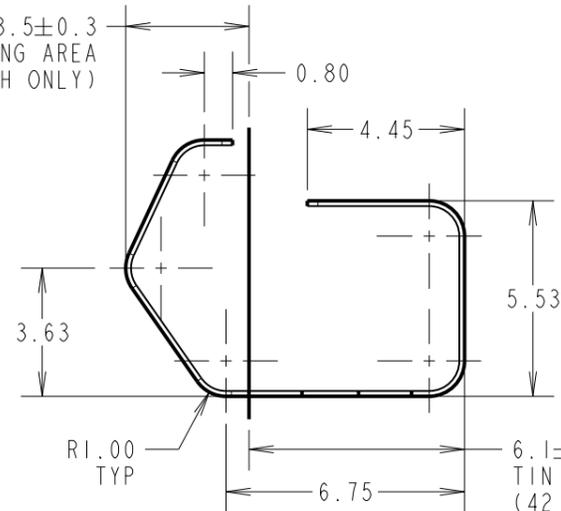


SECTION Y-Y

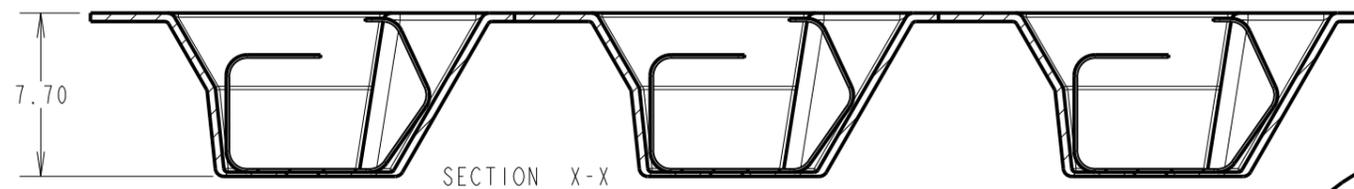
Ø3.50 PICK AND PLACE AREA



3.5±0.3
GOLD PLATING AREA
(42 FINISH ONLY)



6.1±0.3
TIN PLATING AREA
(42 FINISH ONLY)

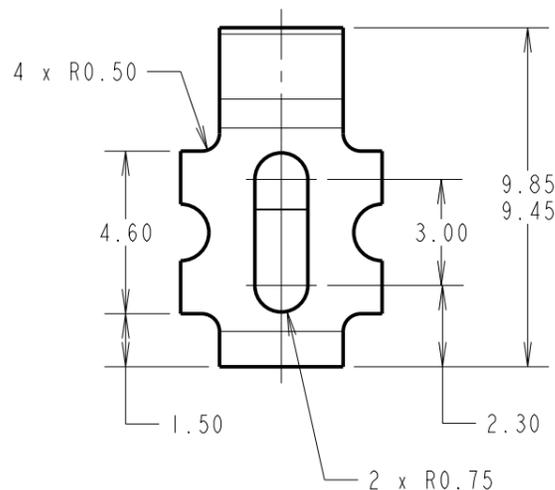


SECTION X-X

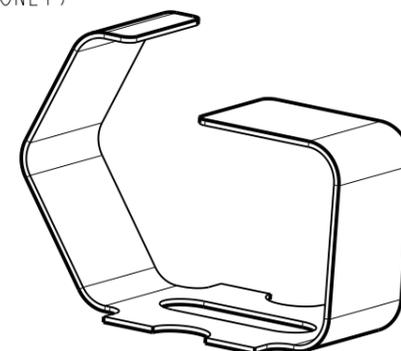
ORDER CODE:
S1941-XXR
 FINISH:
 42 - SELECTIVE GOLD & TIN
 46 - 100% TIN ALL OVER



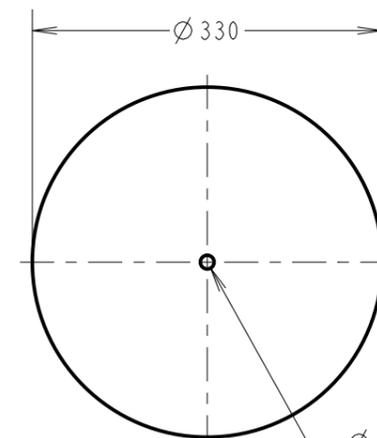
FINISHED REELING DIRECTION



COMPONENT DETAILS



Ø100 MIN



REEL DETAILS

RTP	8	24.10.21	31232
NAME	ISS.	DATE	CN/CO
APPROVED: R.PORTLOCK			
CHECKED: R.ALEXANDER			
DRAWN: S.BENNETT			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
 technical@harwin.com

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TOLERANCES
 X. = ±1mm
 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 SHIELD FINGER
 IN TAPE AND REEL

DRAWING NUMBER:
S1941-XXR

SHT
 2 OF
 3

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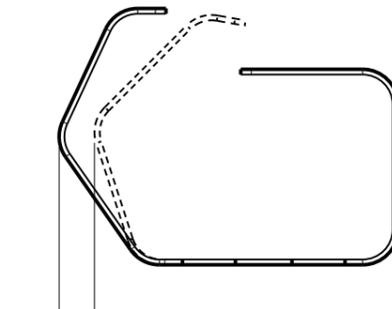
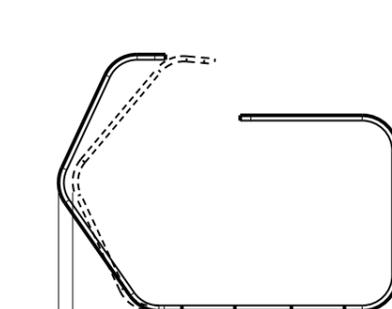
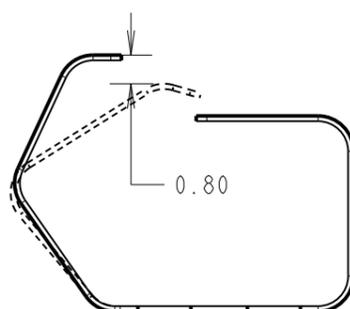
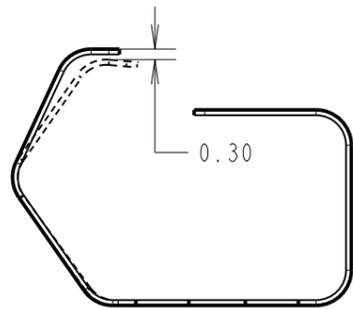
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**S1941-46R
DEFLECTION FROM ABOVE**

**S1941-46R
DEFLECTION FROM FRONT**



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

MAXIMUM RECOMMENDED
DEFLECTION = 0.80mm

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

MAXIMUM RECOMMENDED
DEFLECTION = 1.00mm

COMPONENT SPECIFICATION:

MATERIAL = BERYLLIUM COPPER

FINISH:

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

46 = 3µm 100% TIN OVER 2µm NICKEL

ELECTRICAL:

CURRENT RATING = 9A MAX

CONTACT RESISTANCE = 20mΩ MAX

MECHANICAL:

DURABILITY = 5000 CYCLES

RTP	8	24.10.21	31232
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NAME	ISS.	DATE	CN/CO
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APPROVED: R.PORTLOCK

CHECKED: R.ALEXANDER

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 = ±0.20mm
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

SHT
3
OF
3

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