

# Customer Information Sheet

DRAWING No.: S1941-46R

SHEET 2 OF 3

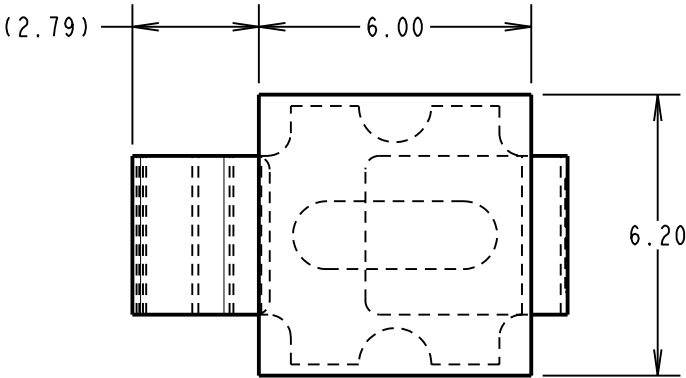
IF IN DOUBT - ASK

(C)

NOT TO SCALE

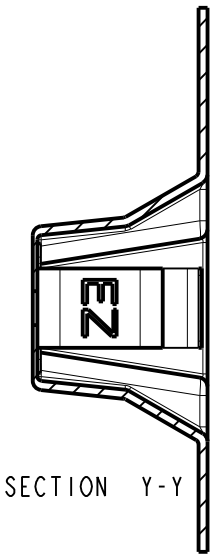
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

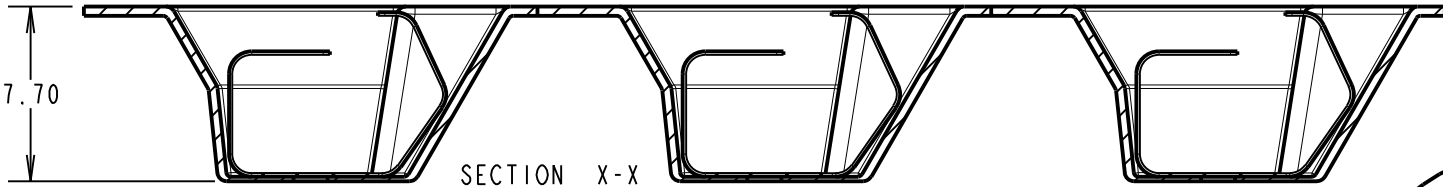
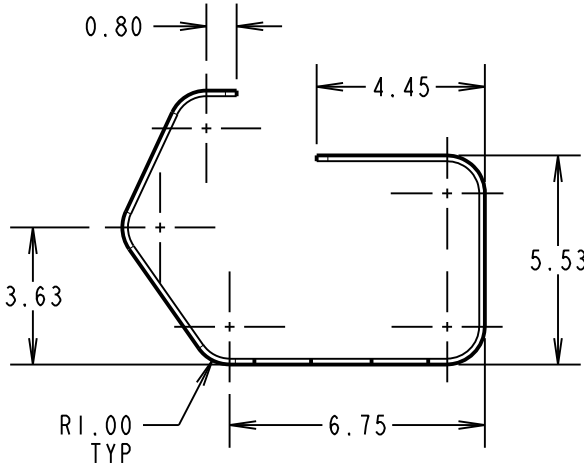
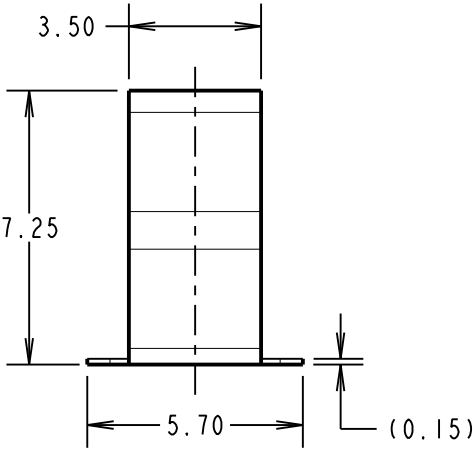
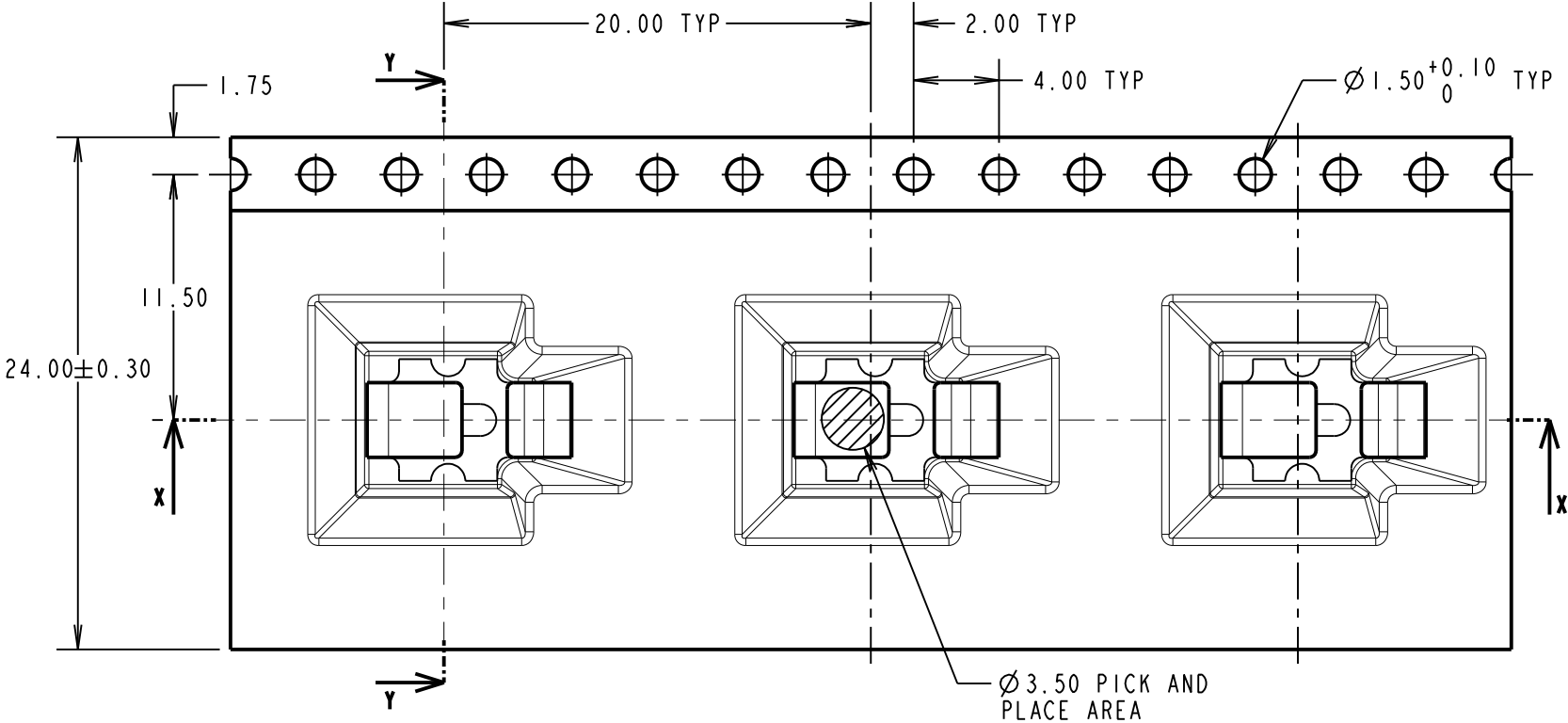


RECOMMENDED PCB PAD LAYOUT

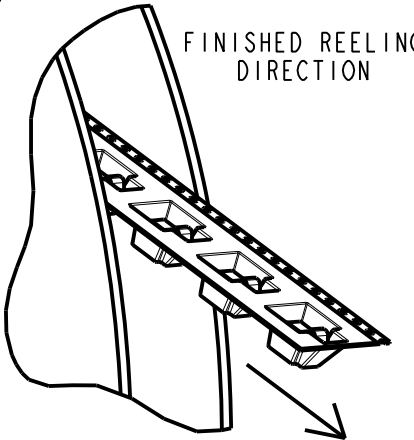
- NOTES:
1. QUANTITY OF COMPONENTS PER REEL = 350.
  2. THIS PRODUCT IS TAPED AND REELED IN ACCORDANCE WITH EIA-481 (ELECTRONICS INDUSTRIES ASSOCIATION).



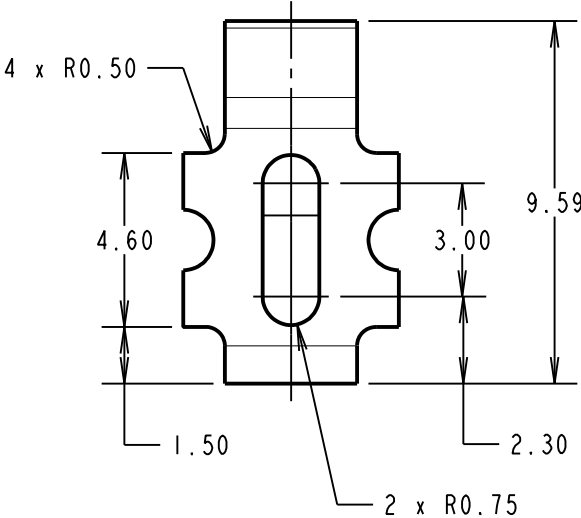
SECTION Y-Y



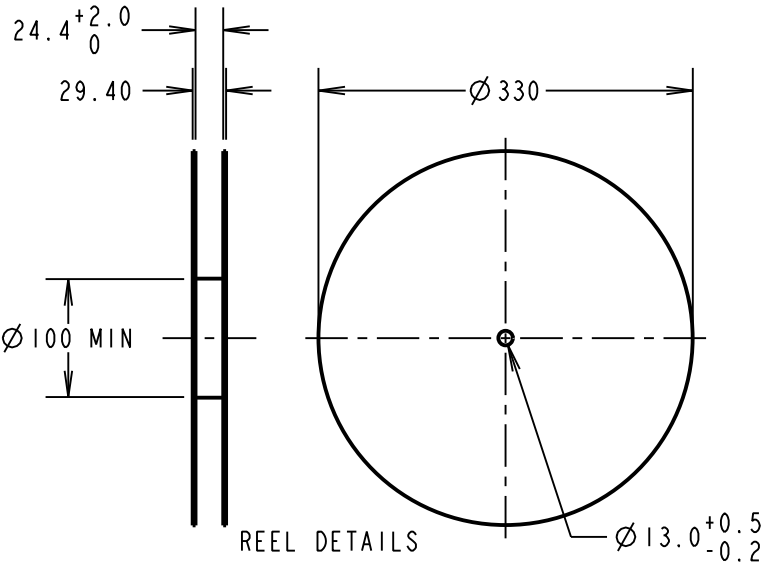
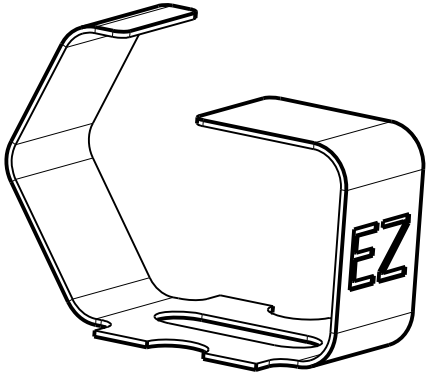
SECTION X-X



FINISHED REELING DIRECTION



COMPONENT DETAILS



REEL DETAILS

**HARWIN**

www.harwin.com  
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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:

mm<sup>2</sup>

TITLE:

MULTI-DIRECTIONAL SHIELD FINGER  
IN TAPE AND REEL

DRAWING NUMBER:

S1941-46R

|                |           |          |        |
|----------------|-----------|----------|--------|
| SB             | I         | 08.08.13 | 12181  |
| NAME           | ISS.      | DATE     | C/NOTE |
| APPROVED:      | S.BENNETT |          |        |
| CHECKED:       | M.PLESTED |          |        |
| DRAWN:         | S.BENNETT |          |        |
| CUSTOMER REF.: |           |          |        |
| ASSEMBLY DRG:  |           |          |        |

SHT  
2 OF  
3

# Customer Information Sheet

DRAWING No.: S1941-46R

SHEET 3 OF 3

IF IN DOUBT - ASK

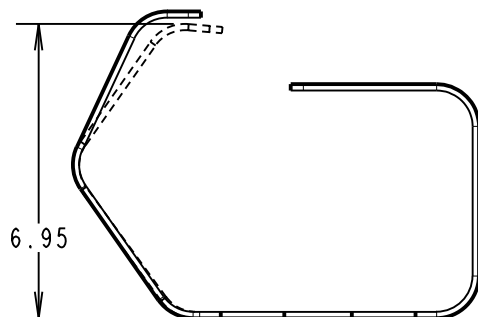
(C)

NOT TO SCALE

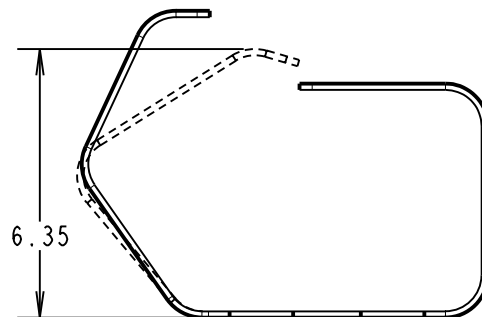
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**S1941-46R  
DEFLECTION FROM ABOVE**

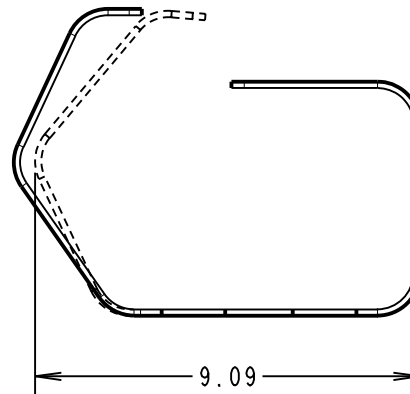


RECOMMENDED WORKING HEIGHT  
OF 6.95mm = 0.20mm DEFLECTION,  
MINIMUM FORCE OF 1.2N

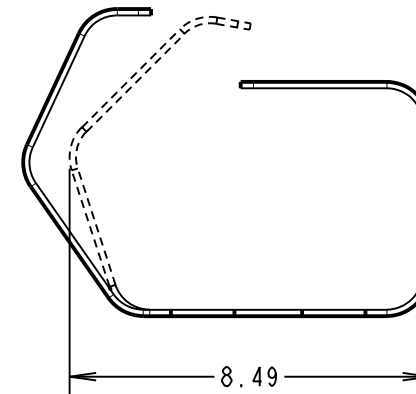


MINIMUM RECOMMENDED HEIGHT  
OF 6.35mm = 0.80mm DEFLECTION

**S1941-46R  
DEFLECTION FROM FRONT**



RECOMMENDED WORKING LENGTH  
OF 9.09mm = 0.40mm DEFLECTION,  
MINIMUM FORCE OF 1.2N



MINIMUM RECOMMENDED LENGTH  
OF 8.49mm = 1.00mm DEFLECTION

COMPONENT SPECIFICATION:  
MATERIAL = BERYLLIUM COPPER  
FINISH = 3μ 100% TIN OVER 2μ NICKEL  
CURRENT RATING = 9A MAX

|                |      |           |        |
|----------------|------|-----------|--------|
| SB             | I    | 08.08.13  | 12181  |
| NAME           | ISS. | DATE      | C/NOTE |
| APPROVED:      |      | S.BENNETT |        |
| CHECKED:       |      | M.PLESTED |        |
| DRAWN:         |      | S.BENNETT |        |
| CUSTOMER REF.: |      |           |        |
| ASSEMBLY DRG:  |      |           |        |

**HARWIN**

www.harwin.com  
technical@harwin.com

THIS DRAWING AND ANY  
INFORMATION OR DESCRIPTIVE  
MATTER SET OUT HEREON ARE  
CONFIDENTIAL AND COPYRIGHT  
PROPERTY OF THE HARWIN  
GROUP AND MUST NOT BE  
DISCLOSED, LOANED, COPIED  
OR USED FOR MANUFACTURING,  
TENDERING OR FOR ANY  
OTHER PURPOSE WITHOUT  
THEIR WRITTEN PERMISSION.

**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:**

mm<sup>2</sup>

**TITLE:**

MULTI-DIRECTIONAL SHIELD FINGER  
IN TAPE AND REEL

**DRAWING NUMBER:**

**S1941-46R**

SHT  
3  
OF  
3