

Customer Information Sheet

DRAWING No.: F10-290XX46R

SHEET 3 OF 4

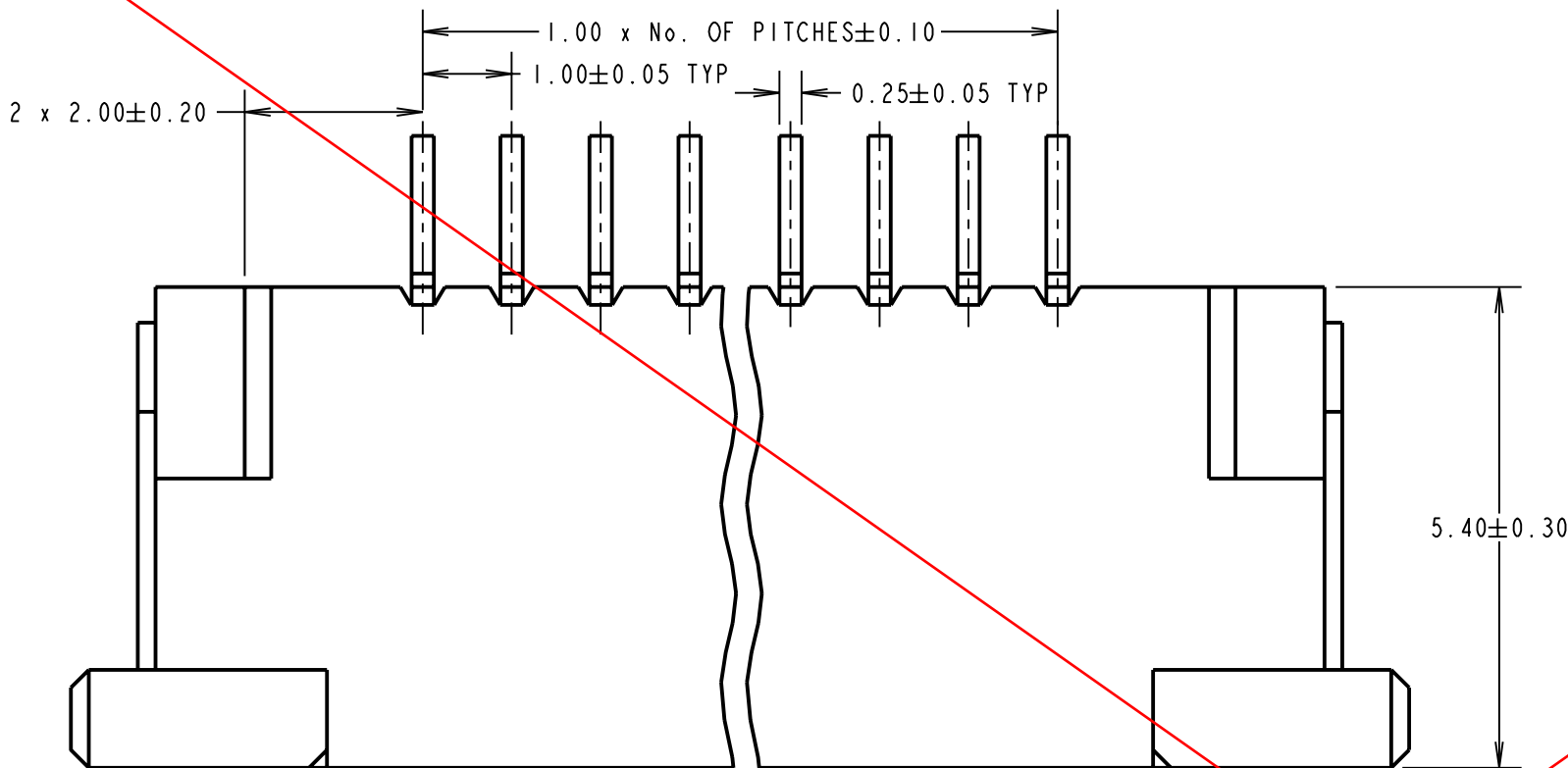
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

MOULDINGS - PPS UL94V-0, BLACK

CONTACTS & RETAINER: PHOSPHOR BRONZE

FINISH:

CONTACTS & RETAINER: 0.4 μ 100% TIN OVER 0.2 μ NICKEL

ELECTRICAL:

CURRENT RATING: 1A AC/DC MAX

VOLTAGE RATING: 125V AC/DC MAX

CONTACT RESISTANCE: 20 MILLIOHMS MAX

INSULATION RESISTANCE: 100 Ω MIN

DIELECTRIC WITHSTANDING: 500V AC FOR 1 MINUTE

MECHANICAL:

FPC RETENTION FORCE: 3.9 + (0.5 x No. OF WAYS) MIN

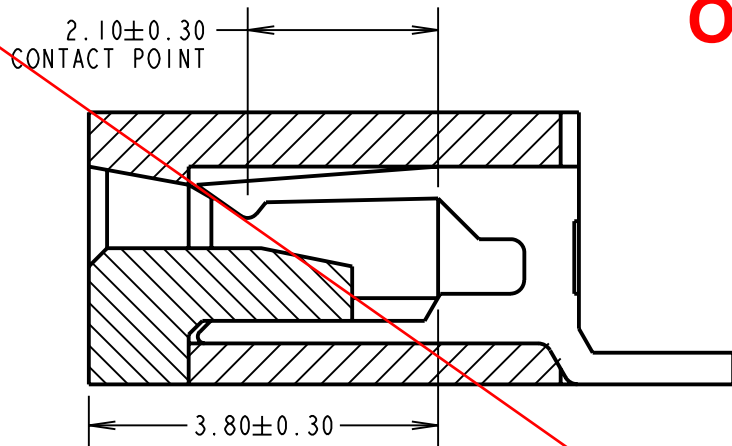
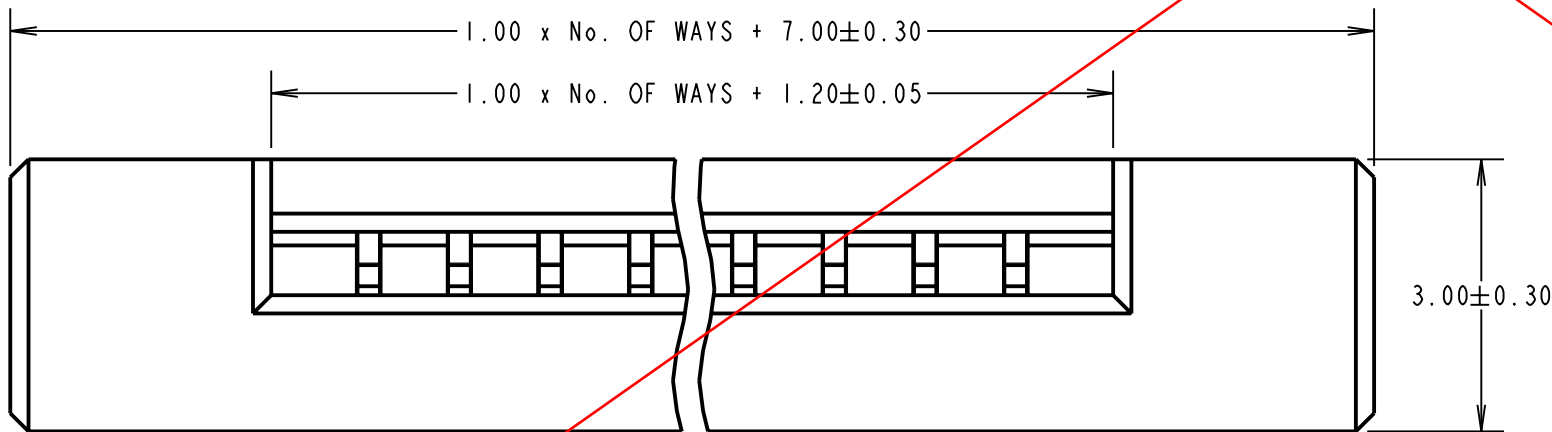
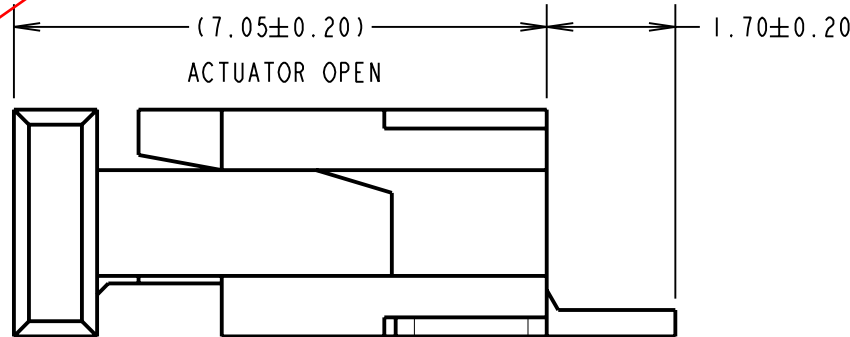
DURABILITY: 30 CYCLES

ENVIRONMENTAL:

TEMPERATURE RANGE: -20°C TO +85°C

RESISTANCE TO SOLDER HEAT: 350°C FOR 3 SECONDS

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C030XX (LATEST ISSUE).



SECTION X-X
ACTUATOR CLOSED

OBSOLETE

ORDER CODE:

F10-290XX46R

No. OF WAYS
03 TO 38

FINISH
46 - 100% TIN

NOTES:
1. FOR REELING DETAILS SEE SHEET 4.

HARWIN

HARWIN USA
TEL: 603 893 5376
FAX: 603 893 5396
mis@harwin.com

HARWIN Europe (UK)
TEL: 023 9231 4545
FAX: 023 9231 4590
mis@harwin.co.uk

HARWIN Asia
TEL: +65 6 779 4909
FAX: +65 6 779 3868
mis@harwin.com.sg

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TOLERANCES

X. = ± 1 mm
X.X = ± 0.25 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:

1.00mm PITCH SMT
HORIZONTAL TOP
CONTACT FPC (TAPE & REEL)

DRAWING NUMBER:

F10-290XX46R

SHT

3 OF 4

SB 8 01.04.11 10825

NAME ISS. DATE C/NOTE

APPROVED: S.BENNETT

CHECKED: R.ADDE

DRAWN: D.BECK

CUSTOMER REF.:

ASSEMBLY DRG:

Customer Information Sheet

DRAWING No.: F10-290XX46R

SHEET 4 OF 4

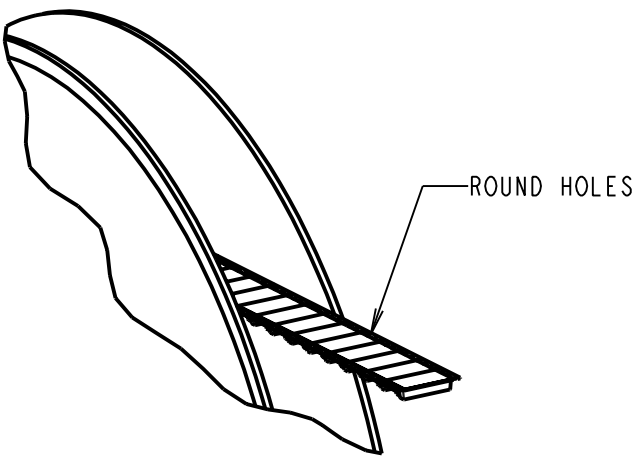
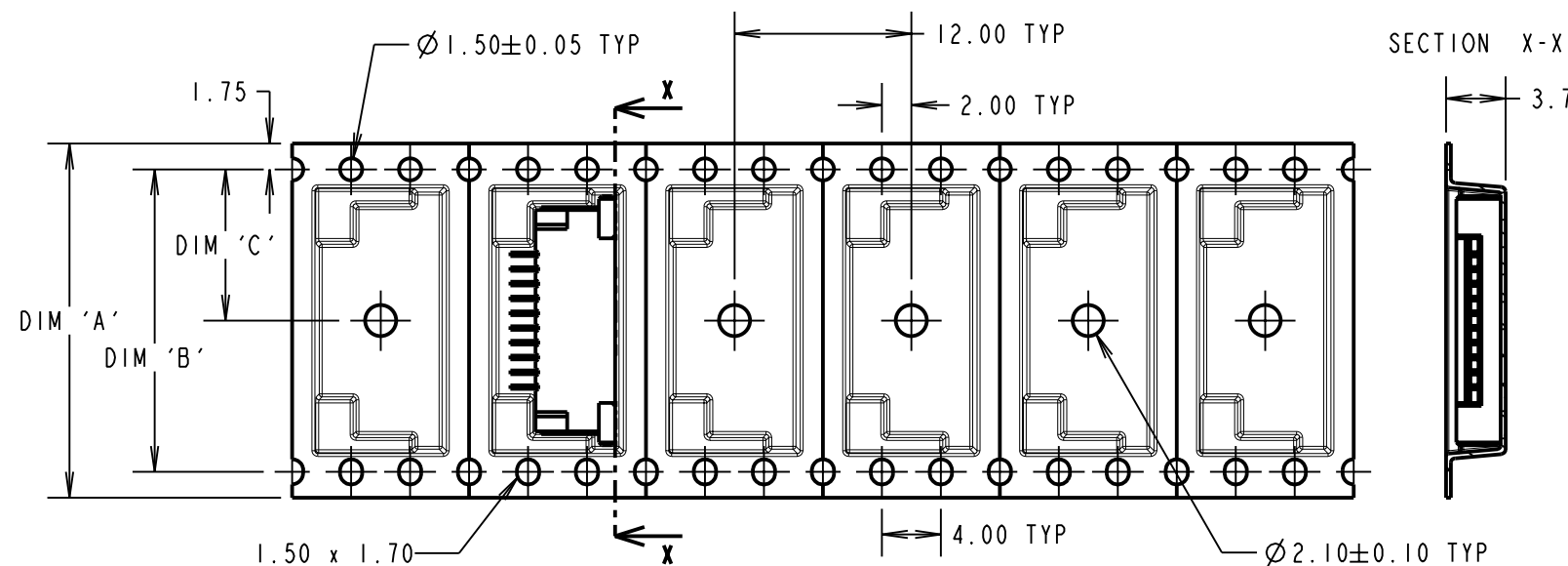
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(C)

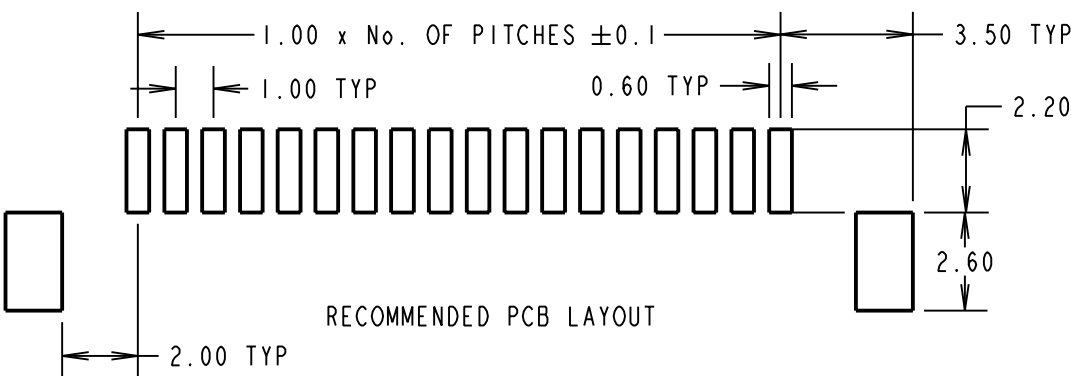
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

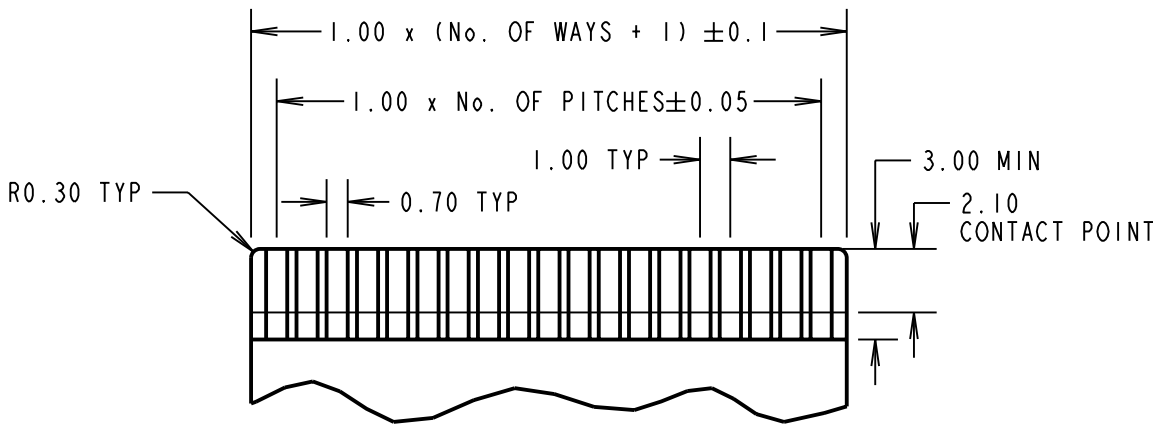


FINISHED REELING DIRECTION

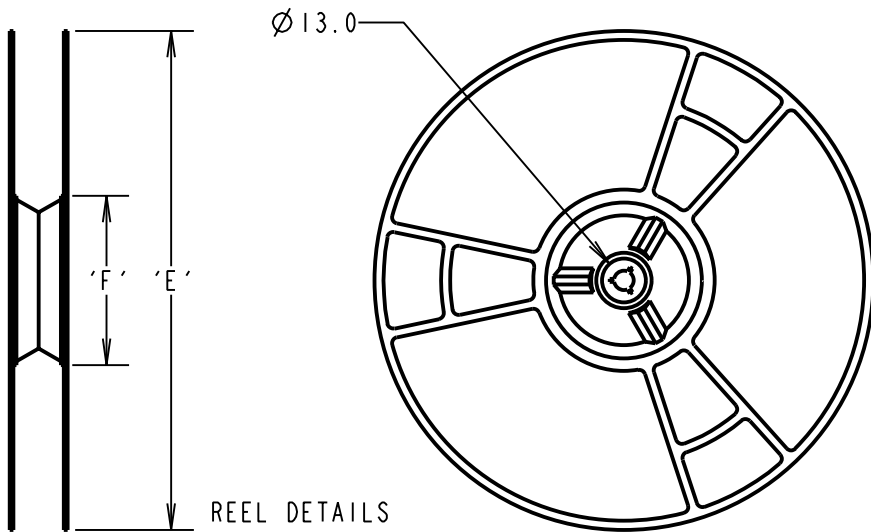


- NOTES:
1. FOR CONNECTOR DIMENSIONS SEE SHEET 3.
 2. QUANTITY OF COMPONENTS PER REEL = 1500
 3. TAPE & REELING TO BE IN ACCORDANCE WITH ELECTRONIC INDUSTRIES ASSOCIATION EIA-481-2-A.

HARWIN PART No.	NO. OF WAYS	DIMENSION ± 0.20				
		'A'	'B'	'C'	'E'	'F'
F10-290XX46R	03 TO 11	24.0		11.5	330	62
F10-290XX46R	12 TO 15	32.0	28.4	14.2		
F10-290XX46R	16 TO 26	44.0	40.4	20.2	360	100
F10-290XX46R	27 TO 38	56.0	52.4	26.2		



RECOMMENDED FPC LAYOUT
(THICKNESS = 0.30 ± 0.03)



REEL DETAILS

SB	8	01.04.11	10825
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: R.ADDE			
DRAWN: D.BECK			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
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X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

FINISH:

S/AREA:

mm²

TITLE: 1.00mm PITCH SMT
HORIZONTAL TOP
CONTACT FPC (TAPE & REEL)

DRAWING NUMBER:

F10-290XX46R

SHT

4 OF 4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[F10-2900346R](#) [F10-2900446R](#) [F10-2900546R](#) [F10-2900646R](#) [F10-2900746R](#) [F10-2900846R](#) [F10-2901046R](#)
[F10-2901146R](#) [F10-2901246R](#) [F10-2901346R](#) [F10-2901446R](#) [F10-2901546R](#) [F10-2901646R](#) [F10-2901746R](#) [F10-](#)
[2901846R](#) [F10-2901946R](#) [F10-2902046R](#) [F10-2902146R](#) [F10-2902246R](#) [F10-2902346R](#) [F10-2902446R](#) [F10-](#)
[2902546R](#) [F10-2902646R](#) [F10-2902746R](#) [F10-2902846R](#) [F10-2902946R](#) [F10-2903046R](#)