

Customer Information Sheet

DRAWING No.: F10-280XX46R

SHEET 3 OF 4

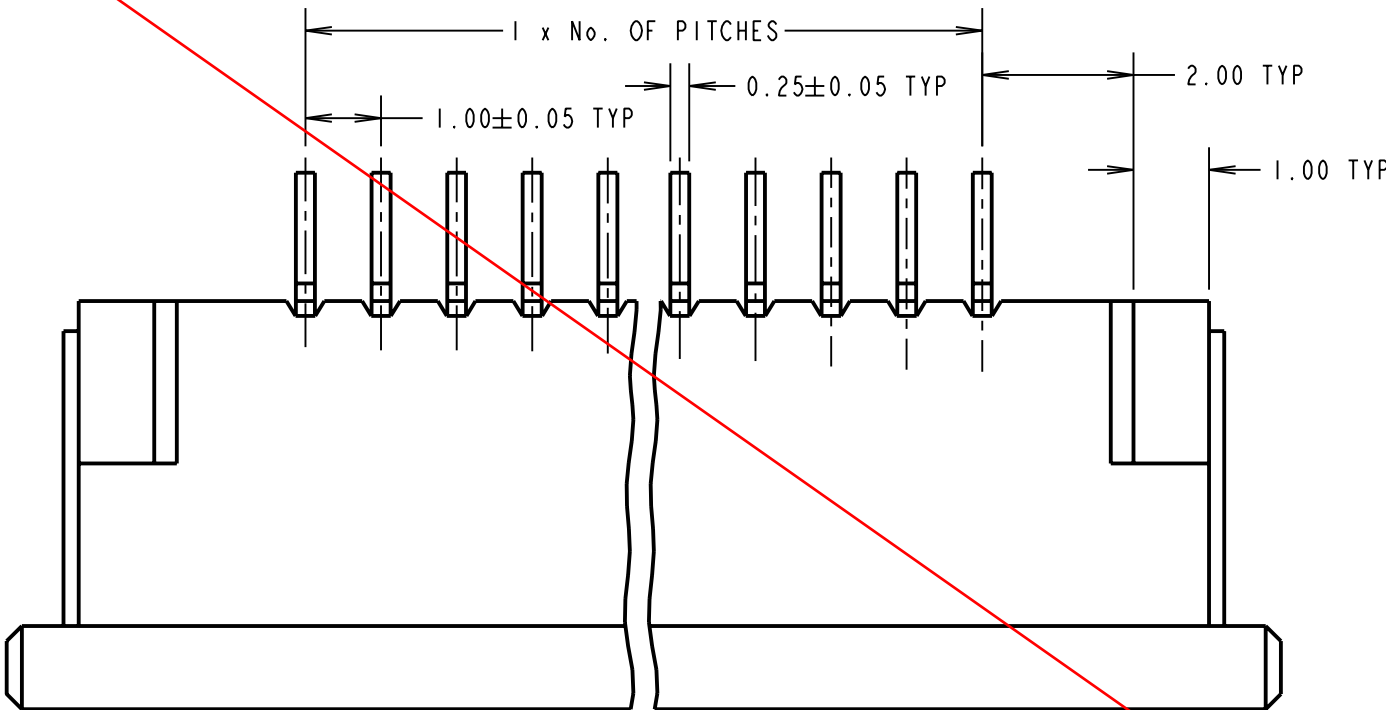
IF IN DOUBT - ASK

(C)

NOT TO SCALE

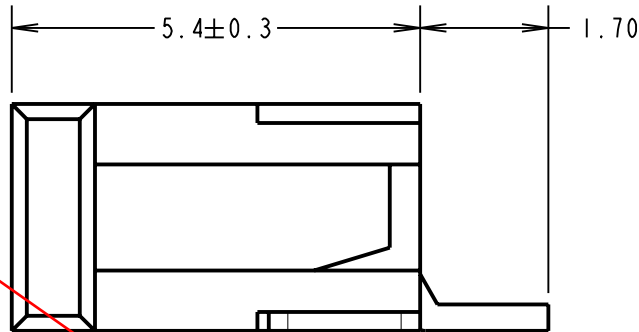
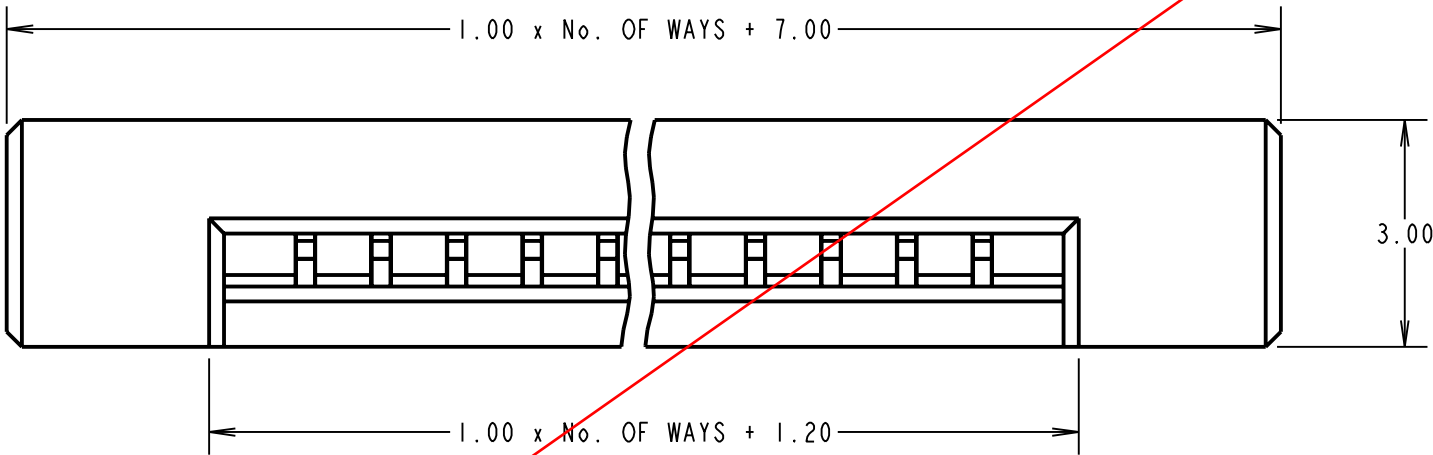
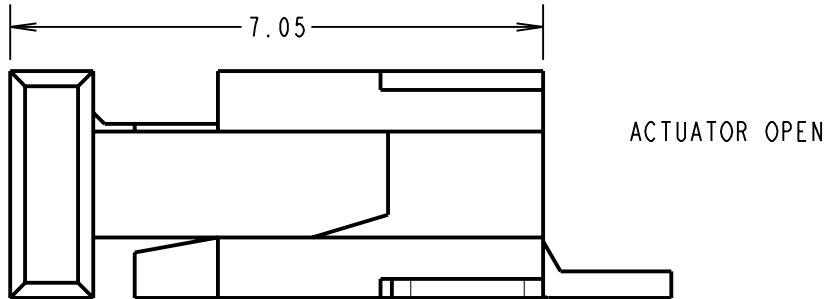
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
MOULDINGS - PPS UL94V-0, BLACK
CONTACTS & RETAINER: PHOSPHOR BRONZE
FINISH:
CONTACTS & RETAINER: 0.4µ 100% TIN OVER 0.2µ NICKEL
ELECTRICAL:
CURRENT RATING: 1A AC/DC MAX
VOLTAGE RATING: 125V AC/DC MAX
CONTACT RESISTANCE: 20 MILLIOHMS MAX
INSULATION RESISTANCE: 100Ω 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).

OBSOLETE



NOTES:
1. ALL TOLERANCES ARE ±0.20
UNLESS OTHERWISE STATED.
2. FOR REELING DETAILS SEE SHEET 4.

ORDER CODE:
F10-280XX46R
No. OF WAYS
03 TO 38
FINISH
46 - 100% TIN

SB	7	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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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: mm²

TITLE: 1.00mm PITCH SMT
HORIZONTAL BOTTOM
CONTACT FPC (TAPE & REEL)
DRAWING NUMBER:
F10-280XX46R
SHT
3 OF 4

Customer Information Sheet

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SHEET 4 OF 4

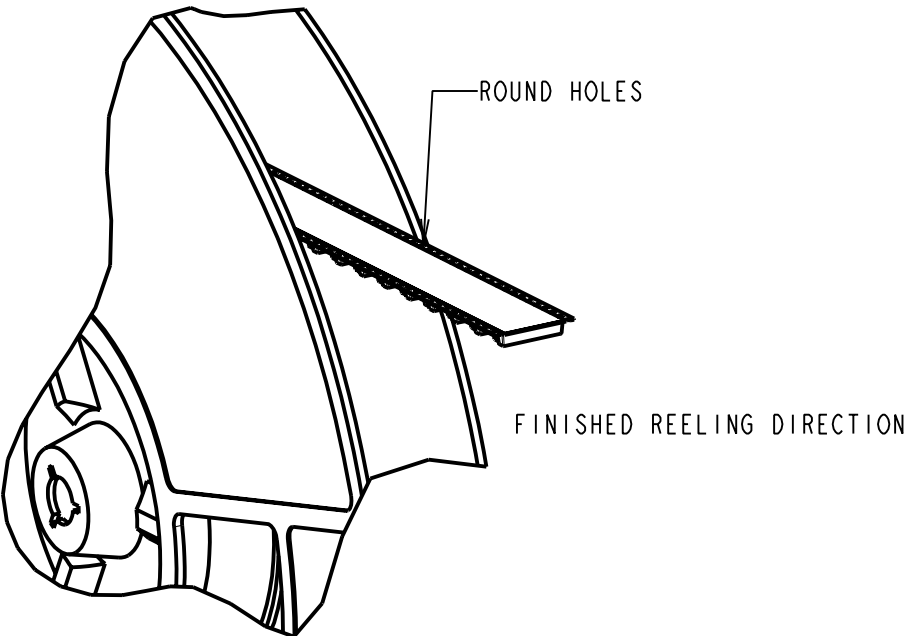
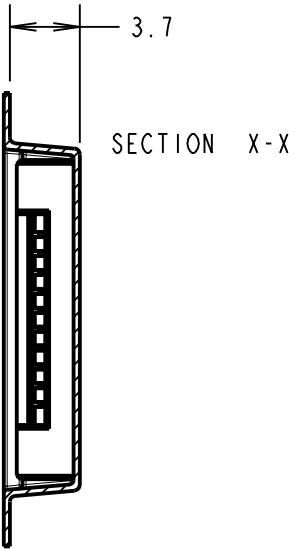
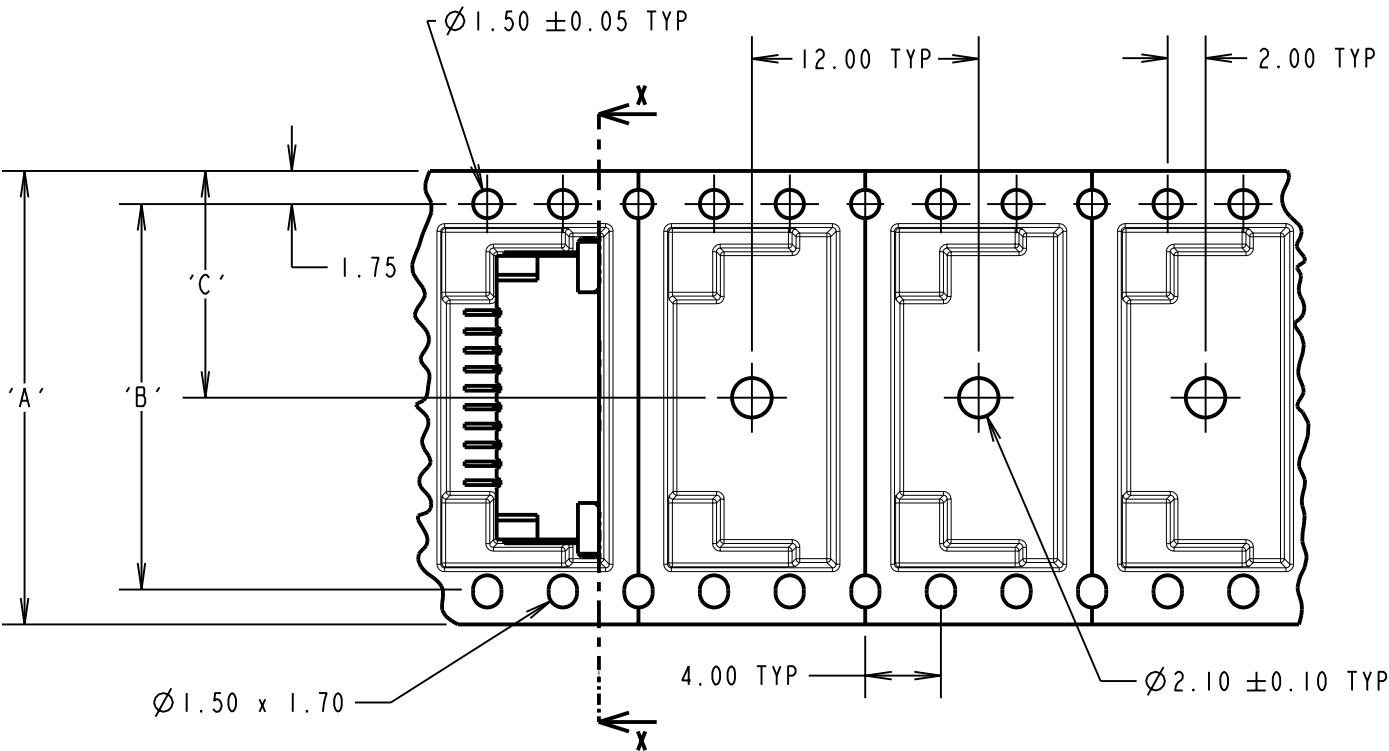
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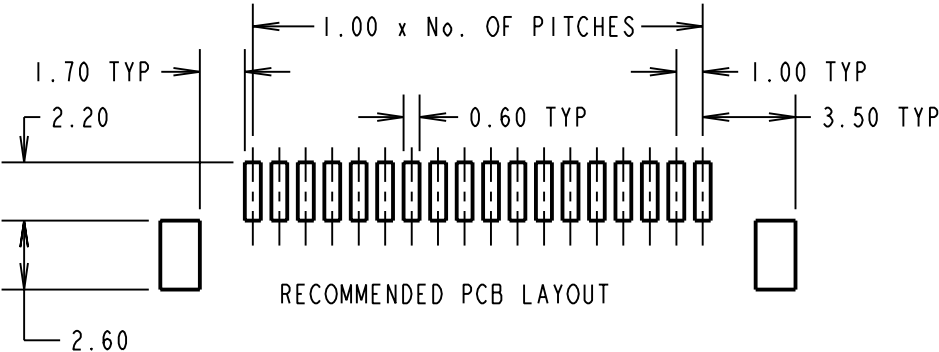
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

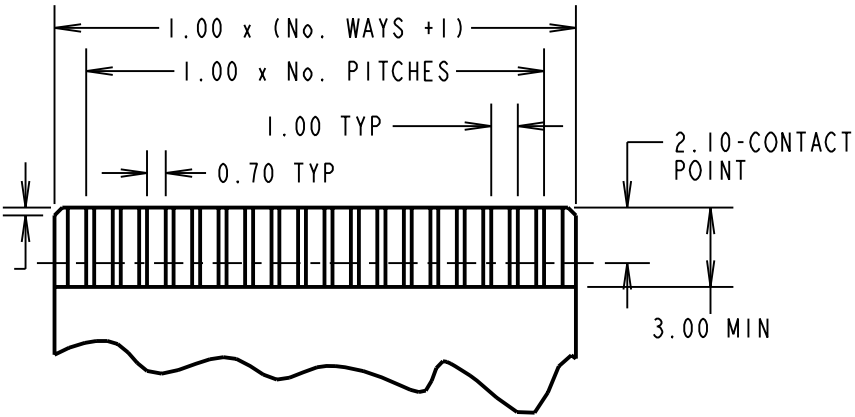
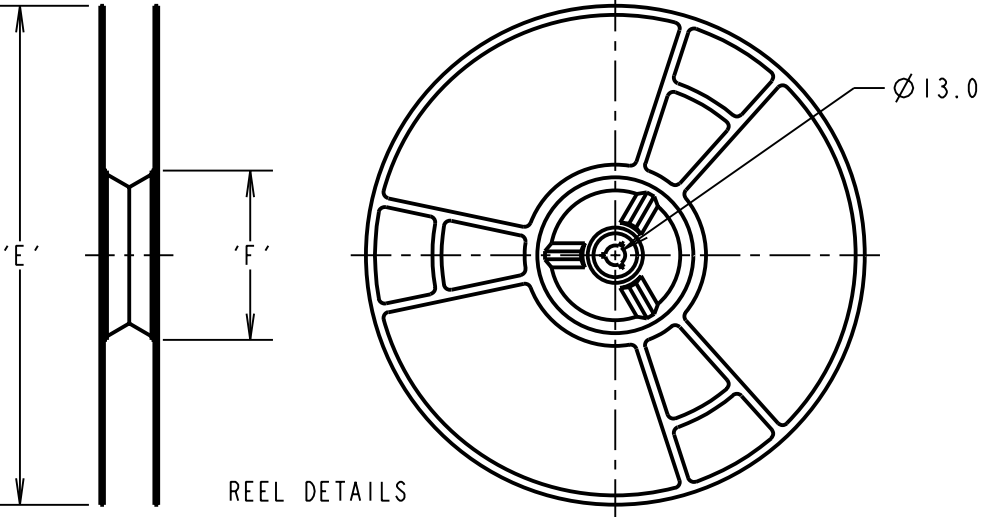


HARWIN PART No.	NO. OF WAYS	DIMENSION ± 0.20					
		'A'	'B'	'C'	'D'	'E'	'F'
F10-2900346R	03	24.0		11.5	10.4	330	62
F10-2900446R	04				11.4		
F10-2900546R	05				12.4		
F10-2900646R	06				13.4		
F10-2900746R	07				14.4		
F10-2900846R	08				15.4		
F10-2900946R	09				16.4		
F10-2901046R	10	32.0	28.4	14.2	17.4	360	100
F10-2901146R	11				18.4		
F10-2901246R	12				19.4		
F10-2901346R	13				20.4		
F10-2901446R	14				21.4		
F10-2901546R	15				22.4		
F10-2901646R	16	44.0	40.4	20.2	23.4		
F10-2901746R	17				24.4		
F10-2901846R	18				25.4		
F10-2901946R	19				26.4		
F10-2902046R	20				27.4		
F10-2902146R	21				28.4		
F10-2902246R	22	56.0	52.4	26.2	29.4		
F10-2902346R	23				30.4		
F10-2902446R	24				31.4		
F10-2902546R	25				32.4		
F10-2902646R	26				33.4		
F10-2902746R	27				34.4		
F10-2902846R	28				35.4		
F10-2902946R	29				36.4		
F10-2903046R	30				37.4		

ORDER CODE:
F10-280XX46R
No. OF WAYS
03 TO 38
FINISH
46 - 100% TIN



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



SB	7	01.04.11	10825
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		R.ADDE	
DRAWN:		D.BECK	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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 BOTTOM CONTACT FPC (TAPE & REEL)
DRAWING NUMBER: **F10-280XX46R**
SHT 4 OF 4

Mouser Electronics

Authorized Distributor

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

Harwin:

[F10-2800346R](#) [F10-2800446R](#) [F10-2800546R](#) [F10-2800646R](#) [F10-2800746R](#) [F10-2800846R](#) [F10-2800946R](#)
[F10-2801046R](#) [F10-2801146R](#) [F10-2801246R](#) [F10-2801346R](#) [F10-2801446R](#) [F10-2801546R](#) [F10-2801646R](#) [F10-](#)
[2801746R](#) [F10-2801846R](#) [F10-2801946R](#) [F10-2802046R](#) [F10-2802146R](#) [F10-2802246R](#) [F10-2802346R](#) [F10-](#)
[2802446R](#) [F10-2802546R](#) [F10-2802646R](#) [F10-2802746R](#) [F10-2802846R](#) [F10-2802946R](#) [F10-2803046R](#)