

Customer Information Sheet

DRAWING No.: F10-280XX46R

SHEET 3 OF 4

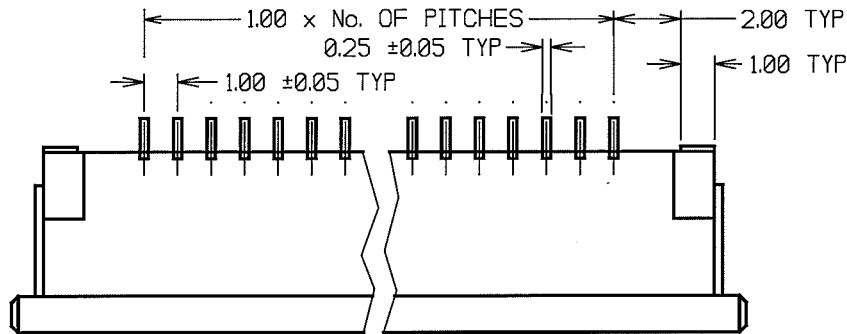
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

MOULDINGS - PPS UL94V-0

CONTACTS & RETAINER - PHOSPHOR BRONZE

FINISH:

CONTACTS & RETAINER - 0.25µ 100% TIN

ELECTRICAL:

CURRENT RATING - 1A AC/DC MAX

VOLTAGE RATING - 125V AC/DC MAX

CONTACT RESISTANCE - 20 MILLIOHMS MAX

INSULATION RESISTANCE - 100 MEGOHMS MIN

DIELECTRIC WITHSTANDING - 500V AC FOR 1 MINUTE

MECHANICAL:

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

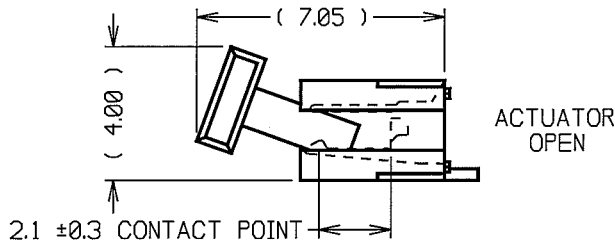
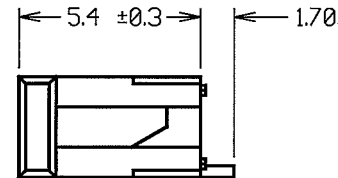
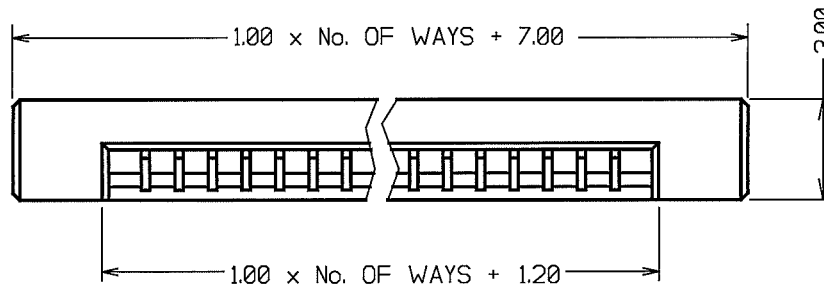
DURABILITY - 30 CYCLES

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).



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 30

FINISH:

46 = 100% TIN

RA	6	11.08.08	10106
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN:		D. BECK	
CUSTOMER REF.:			
ASSEMBLY ORG:			

HARWIN

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

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TEL: 023 9231 4545
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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: 1.00mm PITCH SMT
HORZ. BOTTOM CONTACT
FPC CONN. (TAPE & REEL)

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SHT
3
OF
4

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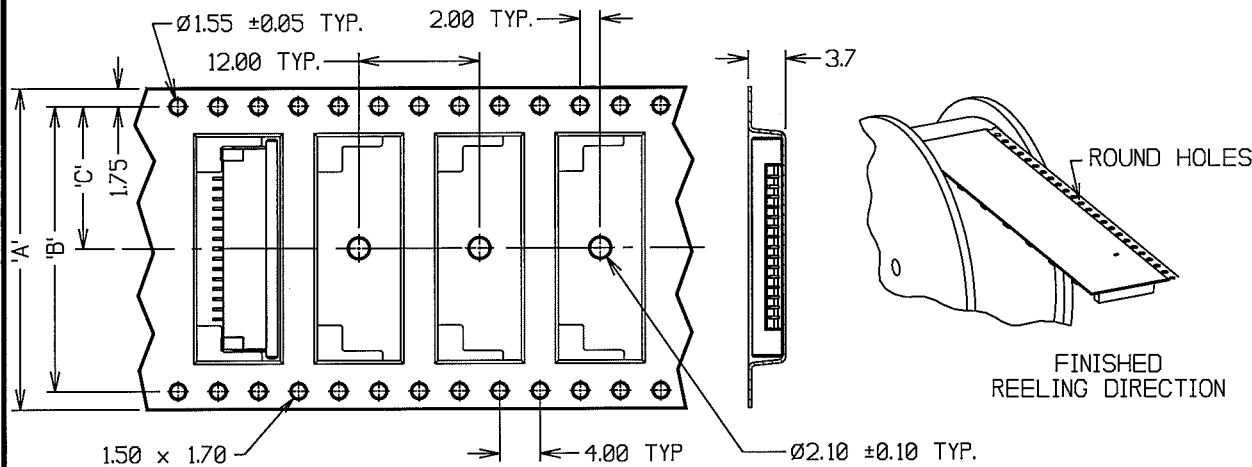
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(C)

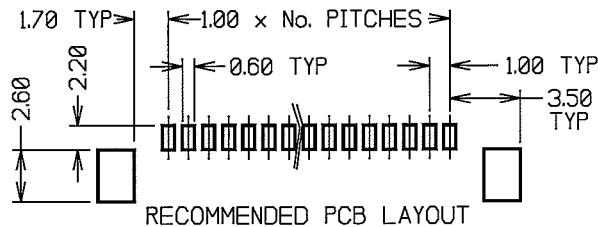
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THIRD ANGLE PROJECTION

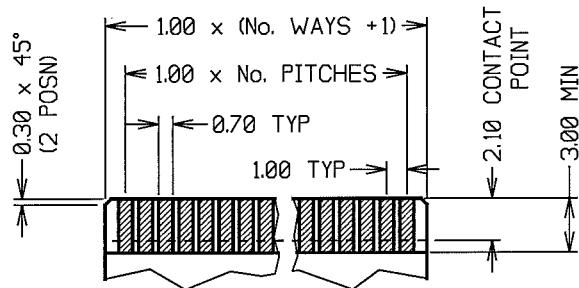
ALL DIMENSIONS IN mm



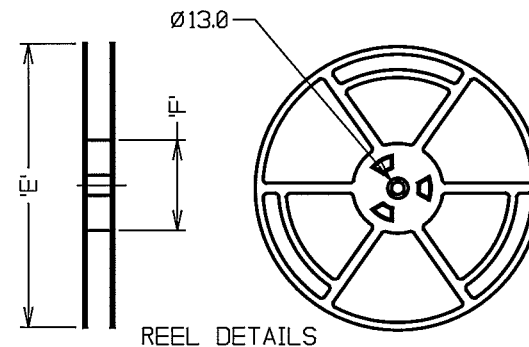
HARWIN PART No.	No. OF WAYS	DIMENSION ±0.20				
		'A'	'B'	'C'	'E'	'F'
F10-2800346R	3	24.0	11.5	330	62	
F10-2800446R	4					
F10-2800546R	5					
F10-2800646R	6					
F10-2800746R	7					
F10-2800846R	8	32.0	28.4	14.2		
F10-2800946R	9					
F10-2801046R	10					
F10-2801146R	11					
F10-2801246R	12					
F10-2801346R	13	44.0	40.4	20.2	360	100
F10-2801446R	14					
F10-2801546R	15					
F10-2801646R	16					
F10-2801746R	17					
F10-2801846R	18	56.0	52.4	26.2		
F10-2801946R	19					
F10-2802046R	20					
F10-2802146R	21					
F10-2802246R	22					
F10-2802346R	23					
F10-2802446R	24					
F10-2802546R	25					
F10-2802646R	26					
F10-2802746R	27					
F10-2802846R	28					
F10-2802946R	29					
F10-2803046R	30					



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



RECOMMENDED FPC LAYOUT
(THICKNESS = 0.30 ±0.03)



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DRAWN:		D. BECK	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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