

Customer Information Sheet

DRAWING No.: M30-600XX46R

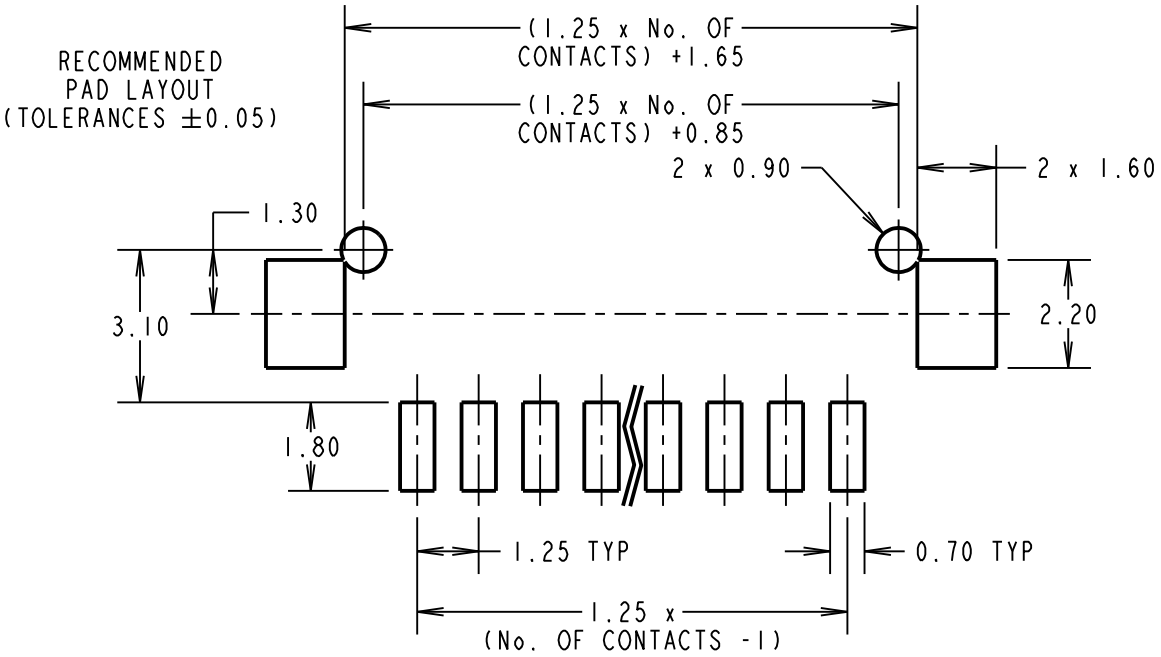
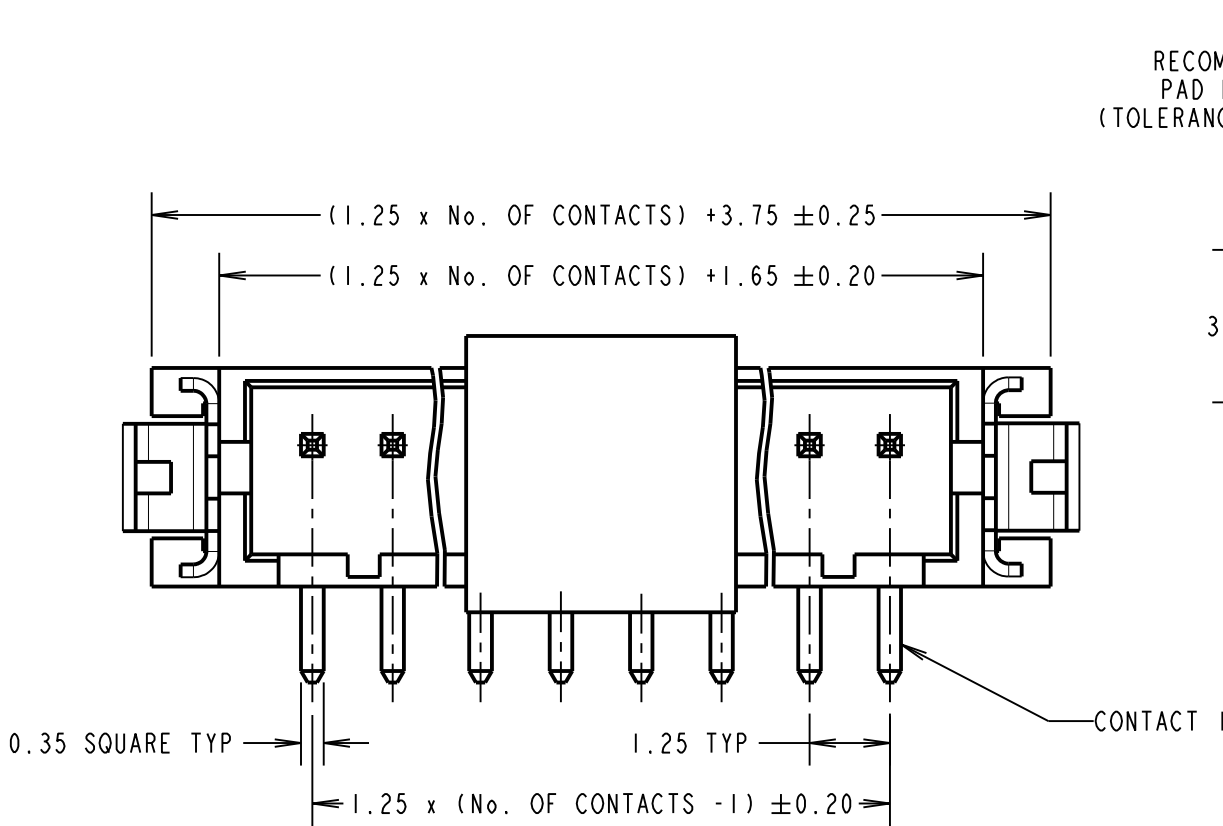
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

MOULDING = PA6T/66 NATURAL, UL94V-0

CONTACT = BRASS

RETAINER = PHOSPHOR BRONZE

FINISH:

CONTACT = $2.03\mu - 2.54\mu$ 100% TIN OVER 0.76μ NICKEL

RETAINER = $2.03\mu - 2.54\mu$ 100% TIN OVER 0.76μ NICKEL

ELECTRICAL:

CURRENT RATING = 1A AC/DC

VOLTAGE RATING = 150V AC/DC

CONTACT RESISTANCE = $30\text{m}\Omega$ MAX

INSULATION RESISTANCE = $500\text{M}\Omega$ MIN

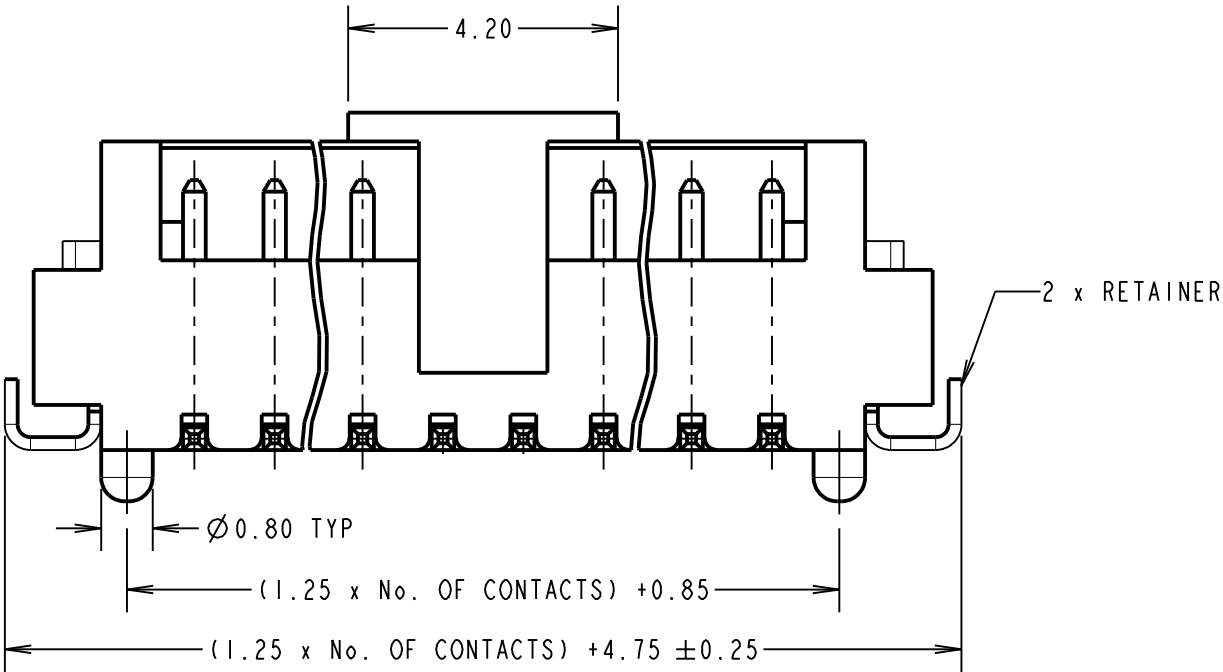
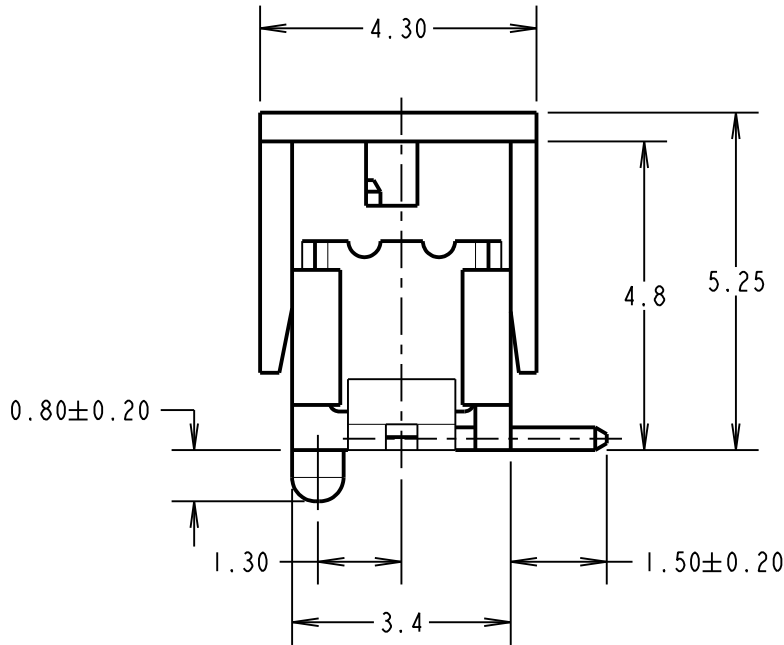
DIELECTRIC WITHSTANDING VOLTAGE = 500V AC FOR ONE MINUTE

ENVIRONMENTAL:

TEMPERATURE RANGE = -25° TO $+85^\circ\text{C}$

PACKING: TAPE AND REEL

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C025XX (LATEST ISSUE)



- NOTES:
- FOR REELING DETAILS SEE PAGE 4.
 - MATES WITH M30-1050046 AND M30-1060046 CRIMP CONTACTS.
MATES WITH M30-110XX00 CRIMP MOULDING.
 - COPLANARITY OF CONTACTS AND RETAINER TO BE 0.1mm MAX.

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TOLERANCES

X. = $\pm 1\text{mm}$

X.X = $\pm 0.25\text{mm}$

X.XX = $\pm 0.10\text{mm}$

X.XXX = $\pm 0.01\text{mm}$

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm^2

TITLE: 1.25mm PITCH SIL SMT BOARD MOUNT CONNECTOR (TAPE AND REEL)

DRAWING NUMBER: M30-600XX46R

SHT 3 OF 4

ORDER CODE:

M30-600XX46R

No. OF CONTACTS
02 TO 15

FINISH:
46 = 100% TIN

MSP	8	11.08.17	20667
NAME	ISS.	DATE	C/NOTE
APPROVED:	M.PERREN		
CHECKED:	S.BENNETT		
DRAWN:	JM BROOKES		
CUSTOMER REF.:			
ASSEMBLY DRG:			

Customer Information Sheet

DRAWING No.: M30-600XX46R

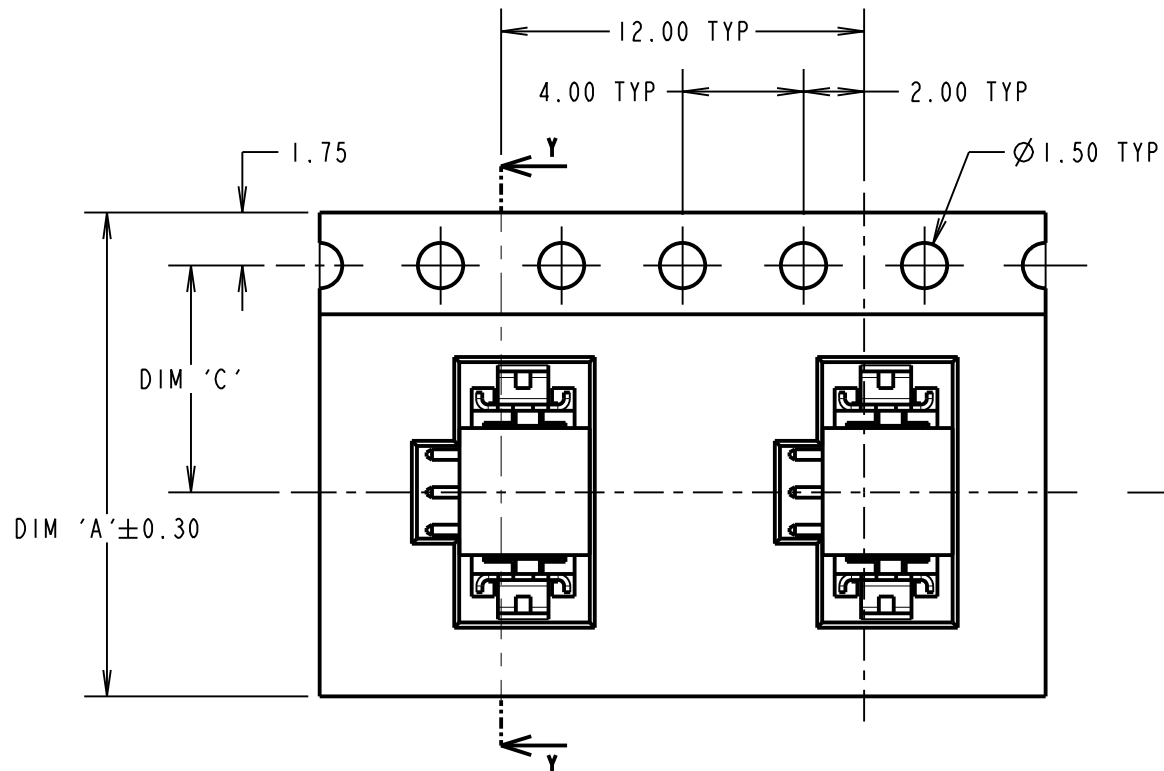
IF IN DOUBT - ASK

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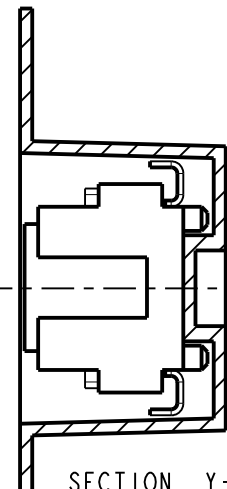
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

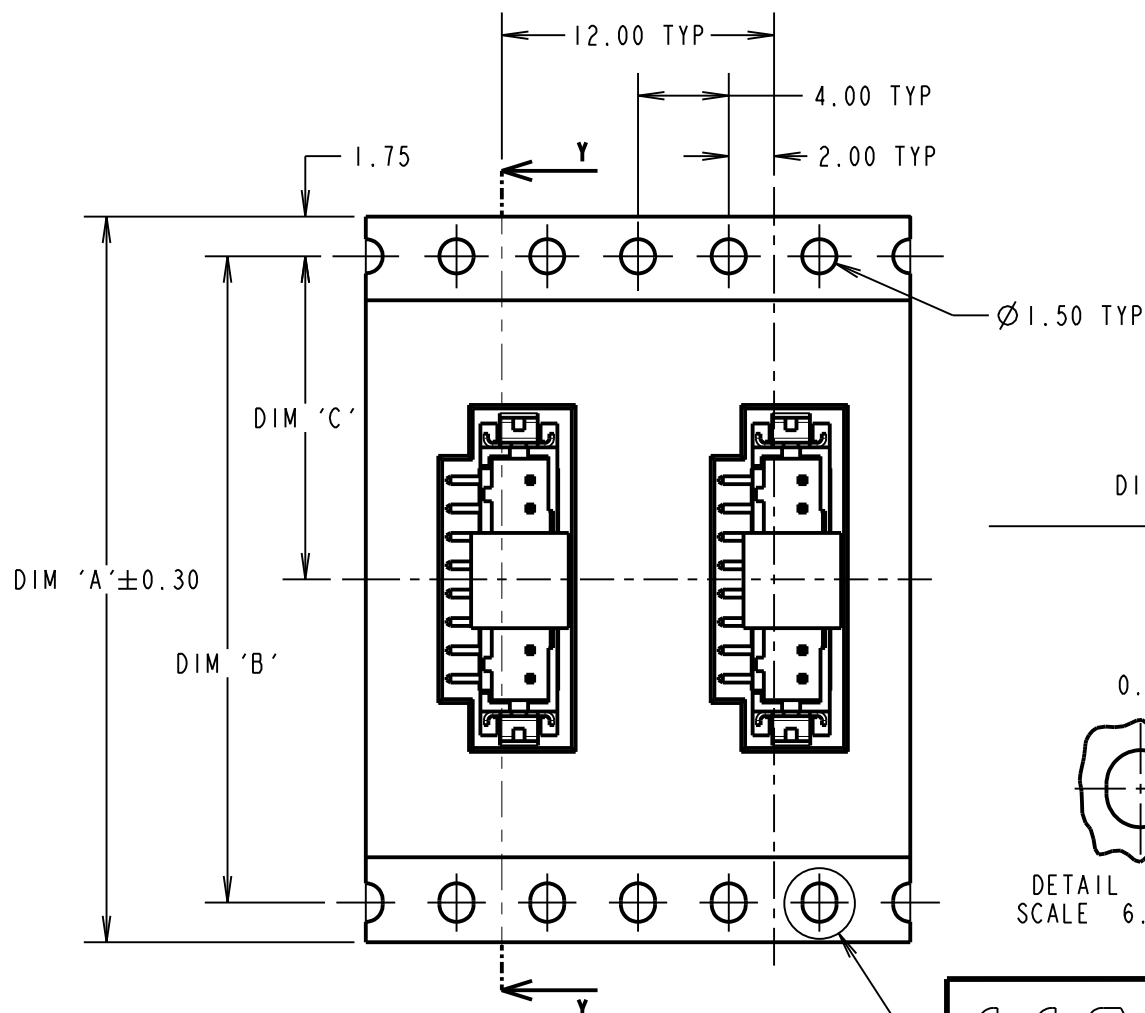
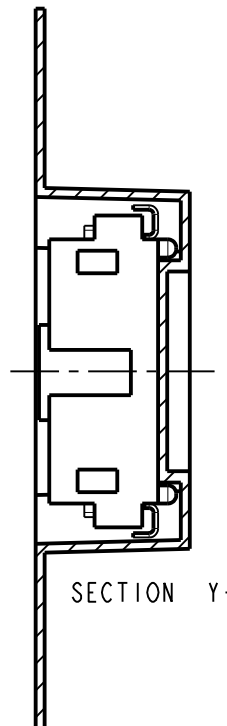


TAPE DETAILS FOR
2 TO 9 CONTACTS

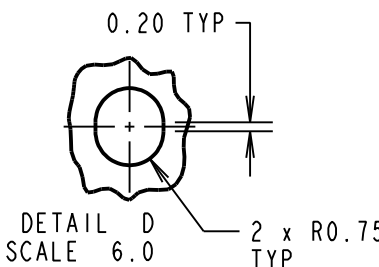


SECTION Y-

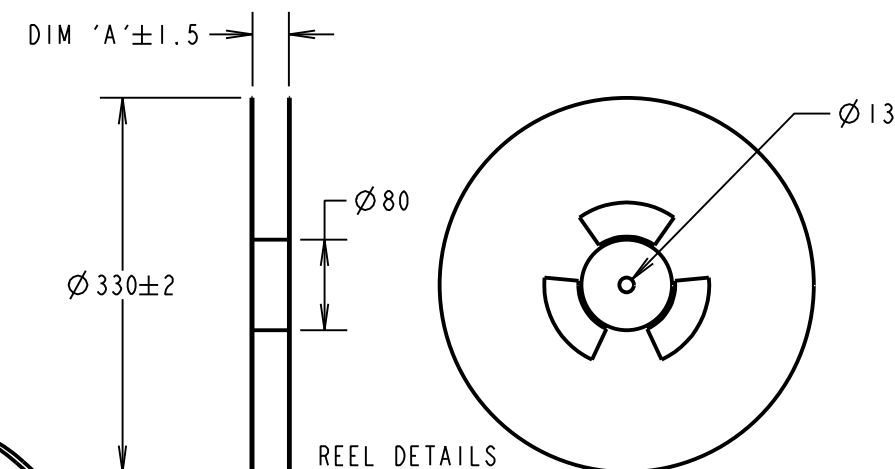
No. OF WAYS	DIM 'A'	DIM 'B'	DIM 'C'	QTY/REEL
2	16	---	7.5	1000
3	16	---	7.5	1000
4	24	---	11.5	1000
5	24	---	11.5	1000
6	24	---	11.5	1000
7	24	---	11.5	1000
8	24	---	11.5	1000
9	24	---	11.5	1000
10	32	28.4	14.2	1000
11	32	28.4	14.2	1000
12	32	28.4	14.2	1000
13	32	28.4	14.2	1000
14	32	28.4	14.2	1000
15	32	28.4	14.2	1000

TAPE DETAILS FOR
10 TO 15 CONTACTS

SECTION Y-



DETAIL D
SCALE 6.0



REEL DETAILS

—ROUND HOLES THIS SIDE

MSP	8	11.08.17	20667
NAME	ISS.	DATE	C/NOTE
APPROVED:		M. PERREN	
CHECKED:		S. BENNETT	
DRAWN:		JM BROOKES	
CUSTOMER REF.:			
ASSEMBLY DRG:			

NOTES:

1. FOR CONNECTOR DIMENSIONS, SEE SHEET 3.
2. ALL TOLERANCES ARE ± 0.15 UNLESS OTHERWISE STATED

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TOLERANCES

~~$$X_1 = \pm 1\text{mm}$$

$$X.X = \pm 0.50\text{mm}$$

$$X.XX = \pm 0.10\text{mm}$$

$$X.XXX = \pm 0.01\text{mm}$$~~

~~ANGLES = $\pm 5^\circ$
UNLESS STATED~~

MATERIAL

SEE SHEET 3

FINISH: SEE SHEET

S/AREA: mm

TITLE: 1.25mm PITCH SIL
SMT BOARD MOUNT CONNECTOR
(TAPE AND REEL)

DRAWING NUMBER

M30-600XX46R

SHT
4
OF

Mouser Electronics

Authorized Distributor

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

Harwin:

[M30-6000346R](#) [M30-6001446R](#) [M30-6000446R](#) [M30-6000646R](#) [M30-6000246R](#) [M30-6001046R](#)