

# Customer Information Sheet

DRAWING No.: M80-405XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

## SPECIFICATIONS:

MATERIAL:  
MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK  
CONTACT CLIP = BERYLLIUM COPPER  
CONTACT SHELL = BRASS  
JACKSCREW = STAINLESS STEEL

FINISH:  
01 = 0.3 $\mu$  GOLD CLIP, 3.5-5.0 $\mu$  TIN/LEAD SHELL  
05 = 0.3 $\mu$  GOLD CLIP, 0.25-0.3 $\mu$  GOLD SHELL  
42 = 0.3 $\mu$  GOLD CLIP,  
3.5-5.0 $\mu$  100% TIN OVER NICKEL SHELL

ELECTRICAL:  
CURRENT RATING AT 25°C = 3.0A MAX  
CURRENT RATING AT 85°C = 2.2A MAX  
WORKING VOLTAGE = 800V AC/DC  
VOLTAGE PROOF = 1200V AC/DC  
CONTACT RESISTANCE = 25 m $\Omega$  MAX  
INSULATION RESISTANCE = 100 M $\Omega$  MIN

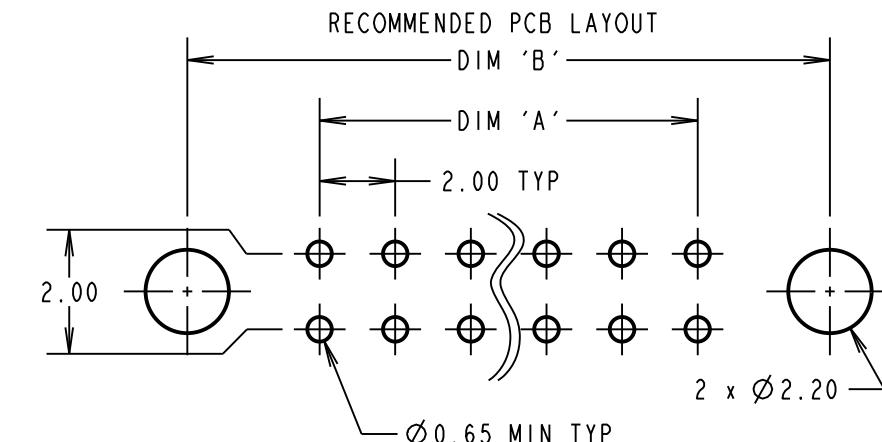
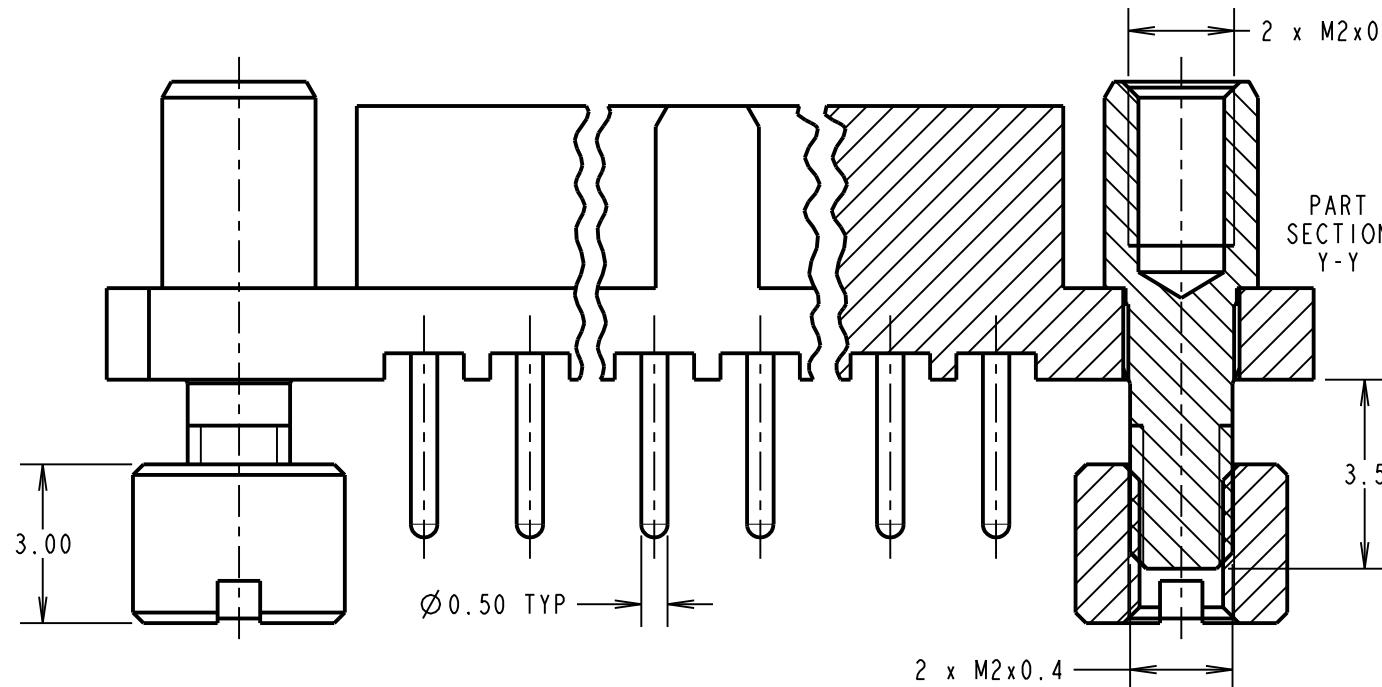
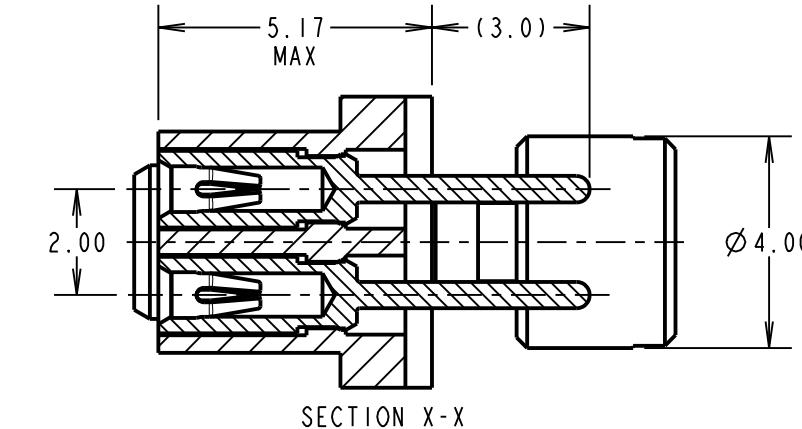
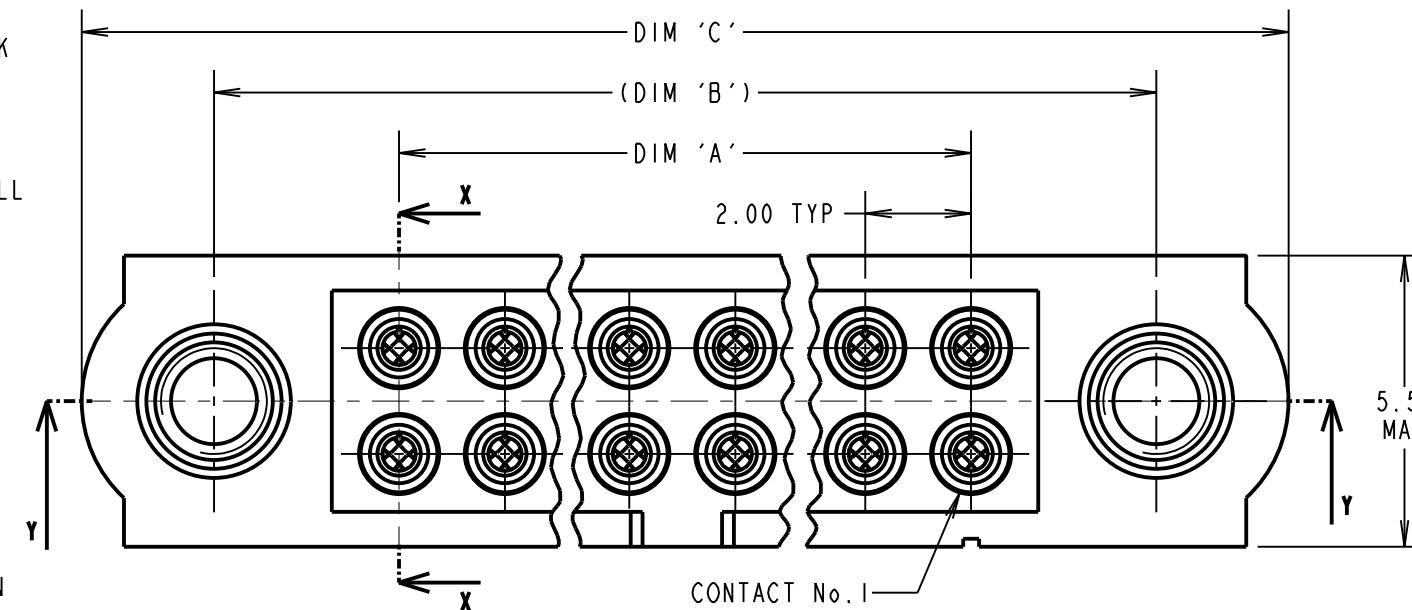
MECHANICAL:  
DURABILITY = 500 OPERATIONS  
INSERTION FORCE ( $\phi$  0.5mm GAUGE) = 2.8N MAX  
WITHDRAWAL FORCE ( $\phi$  0.5mm GAUGE) = 0.2N MIN

ENVIRONMENTAL:  
TEMPERATURE RANGE = -55°C TO +125°C

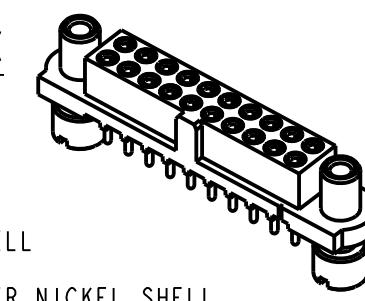
## PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT  
SPECIFICATION C005XX (LATEST ISSUE)



DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10
EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD CLIP AND 100% TIN SHELL, M80-4052042	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	



ORDER CODE:  
**M80-405XXXX**

TOTAL No. OF CONTACTS  
04 TO 50  
(EVEN NUMBERS ONLY)

FINISH CODE  
01 - GOLD CLIP, TIN/LEAD SHELL  
05 - GOLD CLIP, GOLD SHELL  
42 - GOLD CLIP, 100% TIN OVER NICKEL SHELL

SB	2	15.07.13	12139
NAME	ISS.	DATE	C/NOTE
APPROVED:	S. BENNETT		
CHECKED:	S. FLOWER		
DRAWN:	B. M. KENT		
CUSTOMER REF.:			
ASSEMBLY DRG.:			

TITLE: JACKSCREW DATAMATE  
DIL VERTICAL PC-TAIL FEMALE  
'REVERSE FIX' AND BOARD-MOUNT  
DRAWING NUMBER:  
**M80-405XXXX**

SHT  
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OF  
2

# Mouser Electronics

Authorized Distributor

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