

# Customer Information Sheet

DRAWING No.: M80-550XXXX

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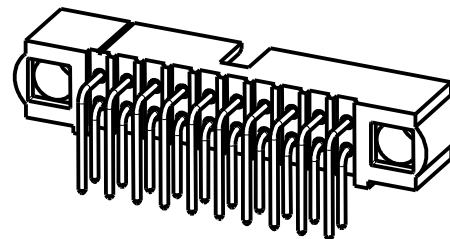
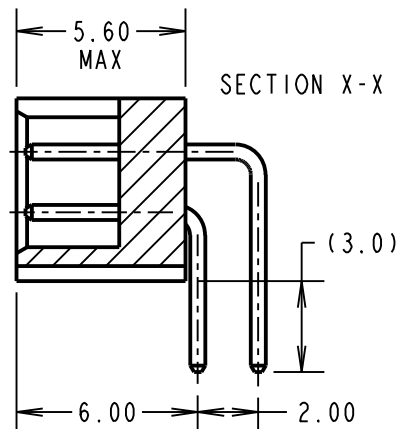
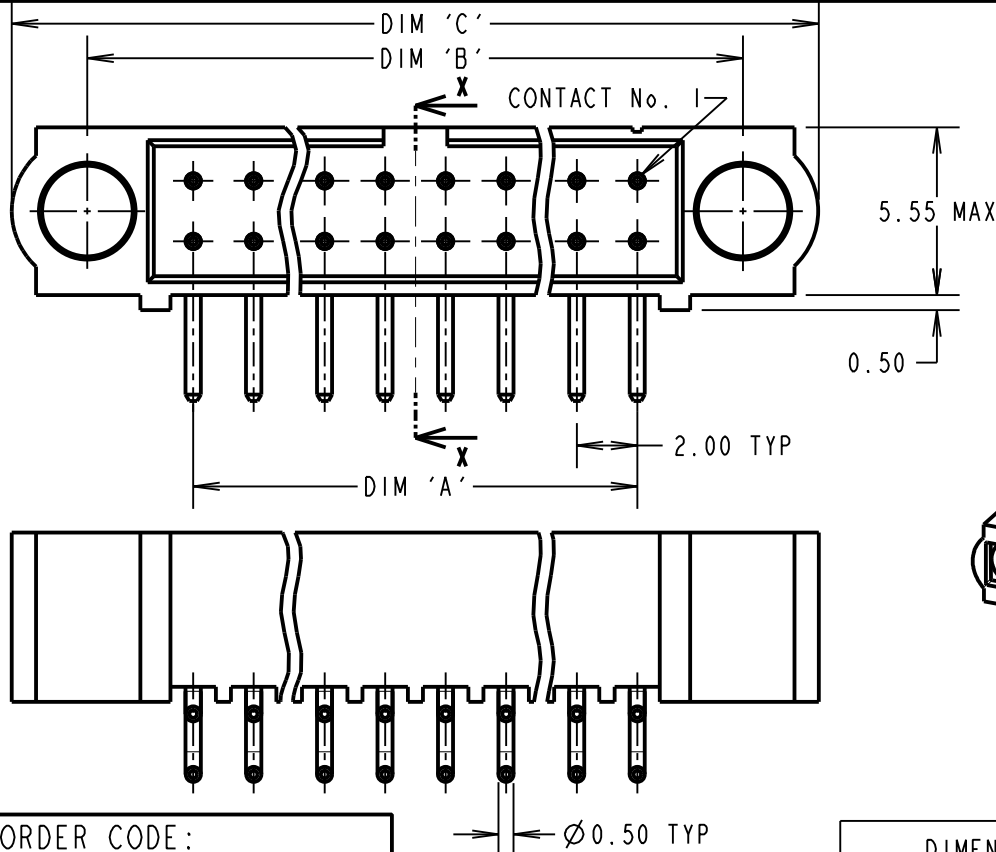
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATIONS:****MATERIAL:**MOULDING = GLASS-FILLED PPS,  
UL94V-0, BLACK

CONTACT = PHOSPHOR BRONZE

**FINISH:**

05 = 0.75μ GOLD

22 = 0.75μ GOLD ON CONTACT AREA,  
3μ 90/10 TIN/LEAD ON TAILS42 = 0.75μ GOLD ON CONTACT AREA,  
3μ 100% TIN OVER NICKEL ON TAILS**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 = 25mΩ MAX

INSULATION RESISTANCE = 100MΩ MIN

**MECHANICAL:**

DURABILITY = 500 OPERATIONS

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +125°C

PACKING: TUBE

FOR COMPLETE SPECIFICATION, SEE  
COMPONENT SPECIFICATION C005XX  
(LATEST ISSUE)**NOTES:**

1. RECOMMENDED PCB HOLE  
SIZE =  $\varnothing 0.70\text{mm} \pm 0.05$ .

ORDER CODE:

**M80-550XXXX**No. OF CONTACTS —  
04 TO 50  
(EVEN NUMBERS ONLY)**FINISH**05 - GOLD  
22 - SELECTIVE GOLD + TIN/LEAD  
42 - SELECTIVE GOLD + 100% TIN→ ←  $\varnothing 0.50$  TYP

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, M80-5502042	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

MSP	3	18.08.15	13052
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		W. J. BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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OR USED FOR MANUFACTURING,  
TENDERING OR FOR ANY  
OTHER PURPOSE WITHOUT  
THEIR WRITTEN PERMISSION.**TOLERANCES**X. =  $\pm 1\text{mm}$   
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 ABOVE

FINISH: SEE ABOVE

S/AREA: mm<sup>2</sup>TITLE: JACKSCREW DATAMATE  
DIL HORIZONTAL PC TAIL  
MALE ASSEMBLY

DRAWING NUMBER:

**M80-550XXXX**SHT  
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