

# Customer Information Sheet

DRAWING No.: M80-550XXXX

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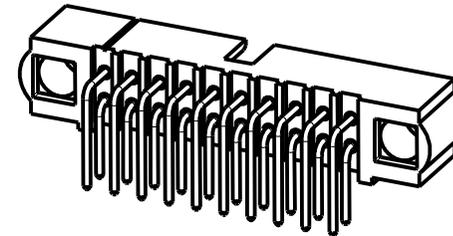
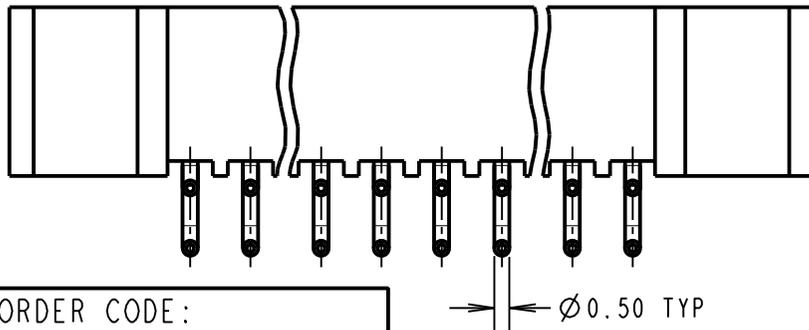
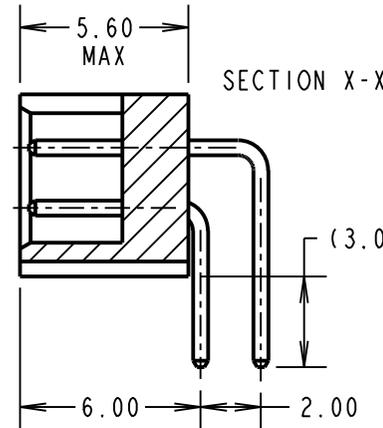
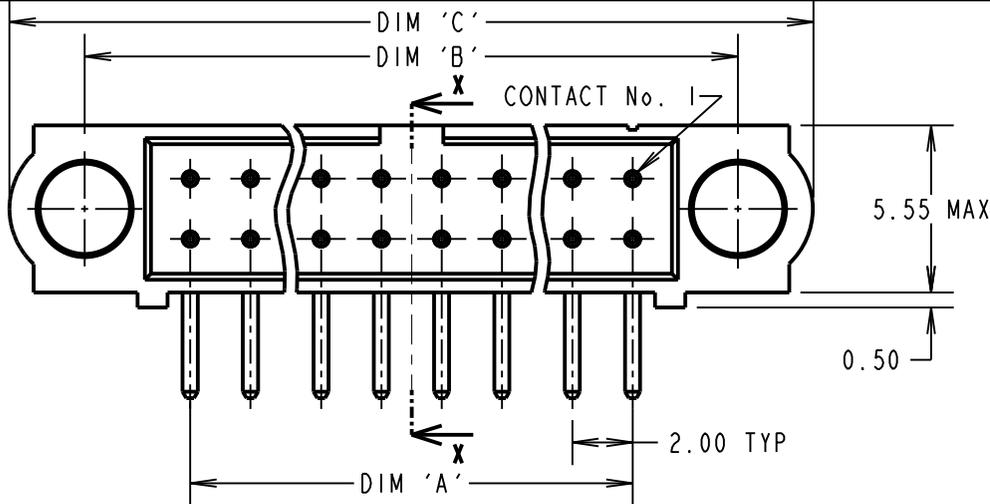
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**  
 MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK  
 CONTACT = PHOSPHOR BRONZE

**FINISH:**  
 05 = 0.75µ GOLD  
 22 = 0.75µ GOLD ON CONTACT AREA, 3µ 90/10 TIN/LEAD ON TAILS  
 42 = 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 = Ø0.70mm±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

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:			

**HARWIN**

www.harwin.com  
 technical@harwin.com

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**TOLERANCES**  
 X. = ±1mm  
 X.X = ±0.50mm  
 X.XX = ±0.10mm  
 X.XXX = ±0.01mm  
 ANGLES = ±5°  
 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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