

Customer Information Sheet

DRAWING No.: M80-550XXXX

SHEET 2 OF 2

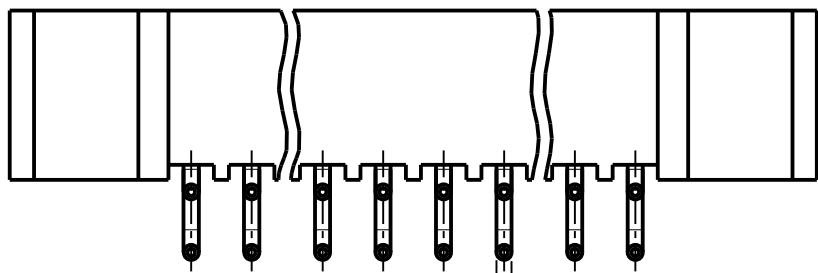
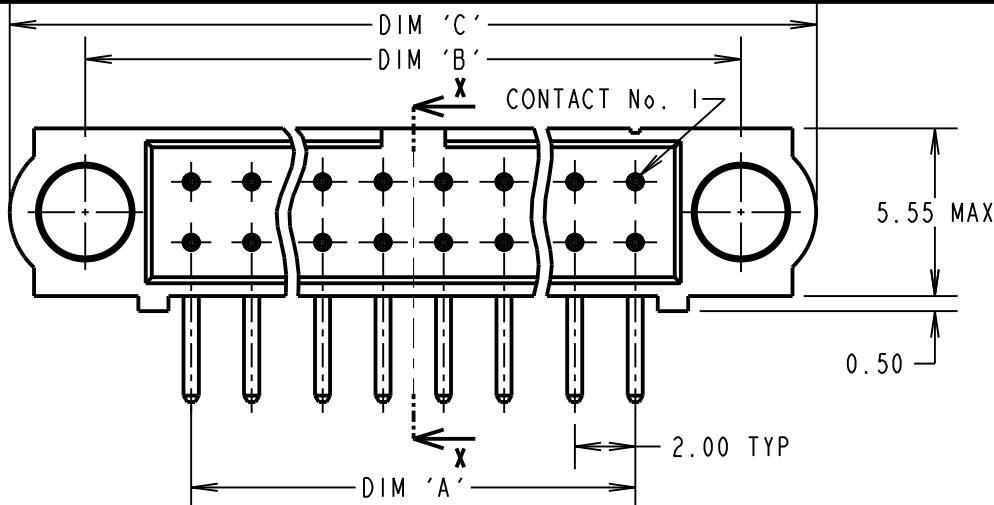
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

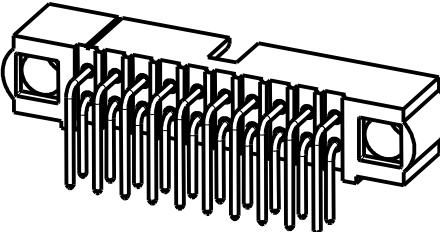
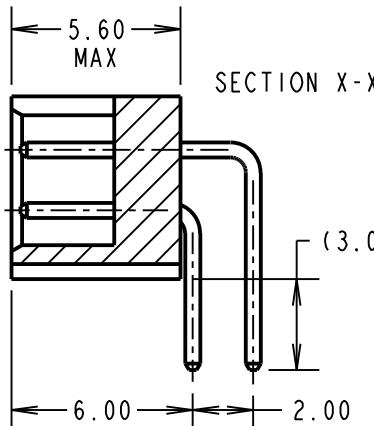


ORDER CODE:

M80-550XXXX

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

FINISH
05 - GOLD
22 - SELECTIVE GOLD + TIN/LEAD
42 - SELECTIVE GOLD + 100% TIN



SPECIFICATIONS:
MATERIAL:
 MOULDING = GLASS-FILLED PPS,
 UL94V-0, BLACK
CONTACT: = PHOSPHOR BRONZE
FINISH:
 05 = 0.75 μ GOLD
 22 = 0.75 μ GOLD ON CONTACT AREA,
 3 μ 90/10 TIN/LEAD ON TAILS
 42 = 0.75 μ GOLD ON CONTACT AREA,
 3 μ 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 = 25m Ω MAX
 INSULATION RESISTANCE = 100M Ω 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 = Ø 0.70mm ± 0.05.

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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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: mm²

TITLE: JACKSCREW DATAMATE
 DIL HORIZONTAL PC TAIL
 MALE ASSEMBLY
 DRAWING NUMBER:
M80-550XXXX

SHT
 2 OF 2