

Customer Information Sheet

DRAWING No.: M80-551XXXX

SHEET 2 OF 2

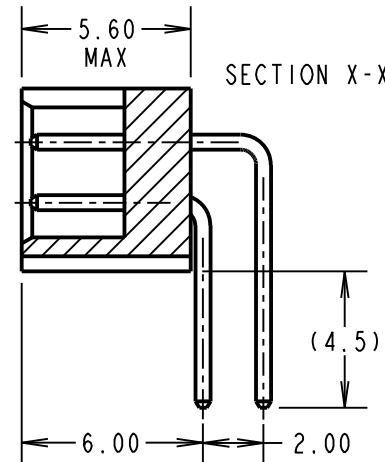
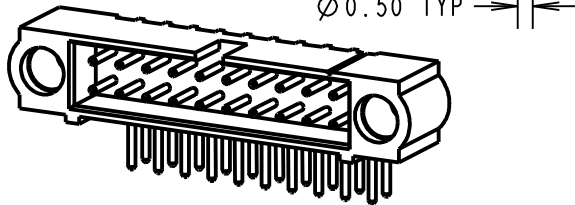
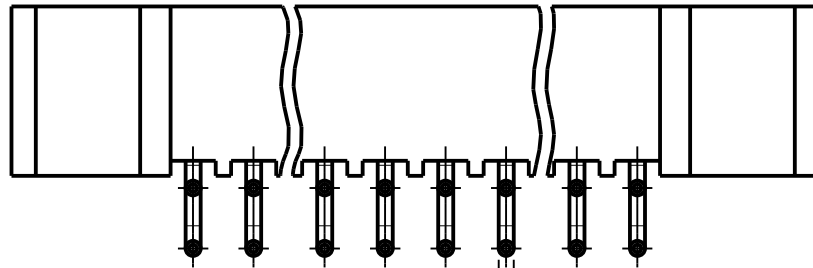
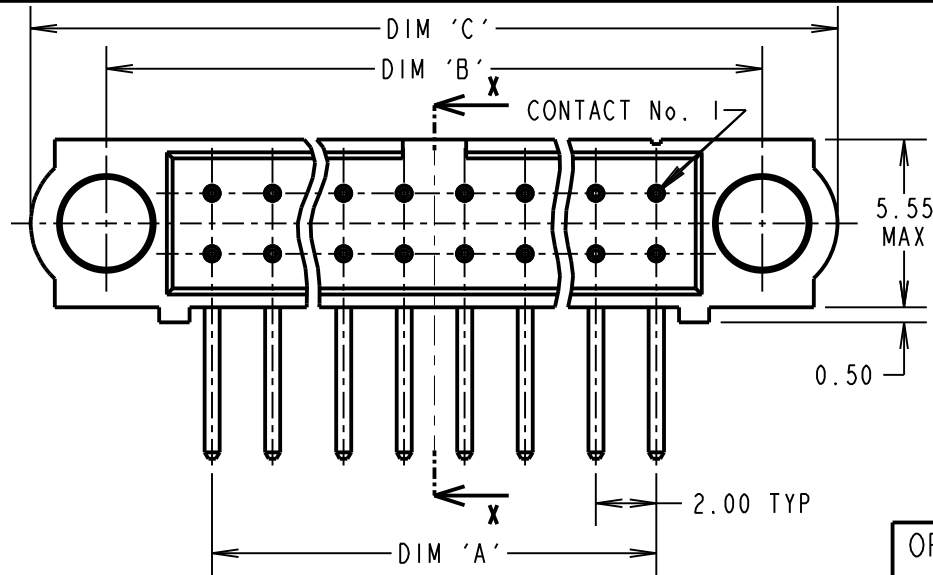
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

M80-551XXXXNo. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)

FINISH

22 - SELECTIVE GOLD + TIN/LEAD
42 - SELECTIVE GOLD + 100% TIN OVER NICKEL
05 - GOLD ALL OVER

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK

CONTACT = PHOSPHOR BRONZE

JACKSCREW = STAINLESS STEEL

FINISH:

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

05 = 0.75µ GOLD ALL OVER

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 mΩ MAX

INSULATION RESISTANCE = 100 MΩ 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 = Ø0.70±0.05mm.

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 WITH SELECTIVE GOLD AND 100% TIN OVER NICKEL, M80-5512042	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

MSP	2	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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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.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:

mm²TITLE: JACKSCREW DATAMATE
DIL HORIZONTAL PC TAIL
(4.5mm) MALE ASSEMBLY (NO J/S)

DRAWING NUMBER:

M80-551XXXXSHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-5513422](#) [M80-5514222](#) [M80-5515022](#) [M80-5511422](#) [M80-5510622](#) [M80-5512042](#) [M80-5512642](#) [M80-5514422](#) [M80-5515042](#) [M80-5511442](#) [M80-5511042](#) [M80-5510642](#) [M80-5513442](#) [M80-5514242](#) [M80-5512022](#) [M80-5512622](#) [M80-5511222](#) [M80-5511242](#) [M80-5511822](#) [M80-5511842](#) [M80-5512605](#) [M80-5511805](#) [M80-5511642](#) [M80-5514442](#) [M80-5512442](#) [M80-5512422](#) [M80-5511622](#) [M80-5510605](#)