

Customer Information Sheet

DRAWING No.: M80-532XXXX

SHEET 2 OF 2

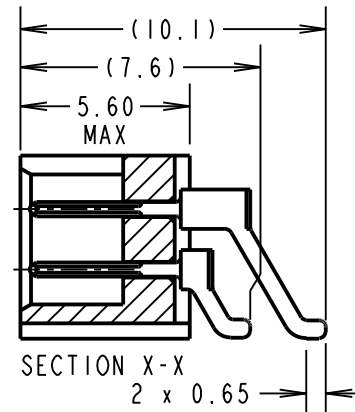
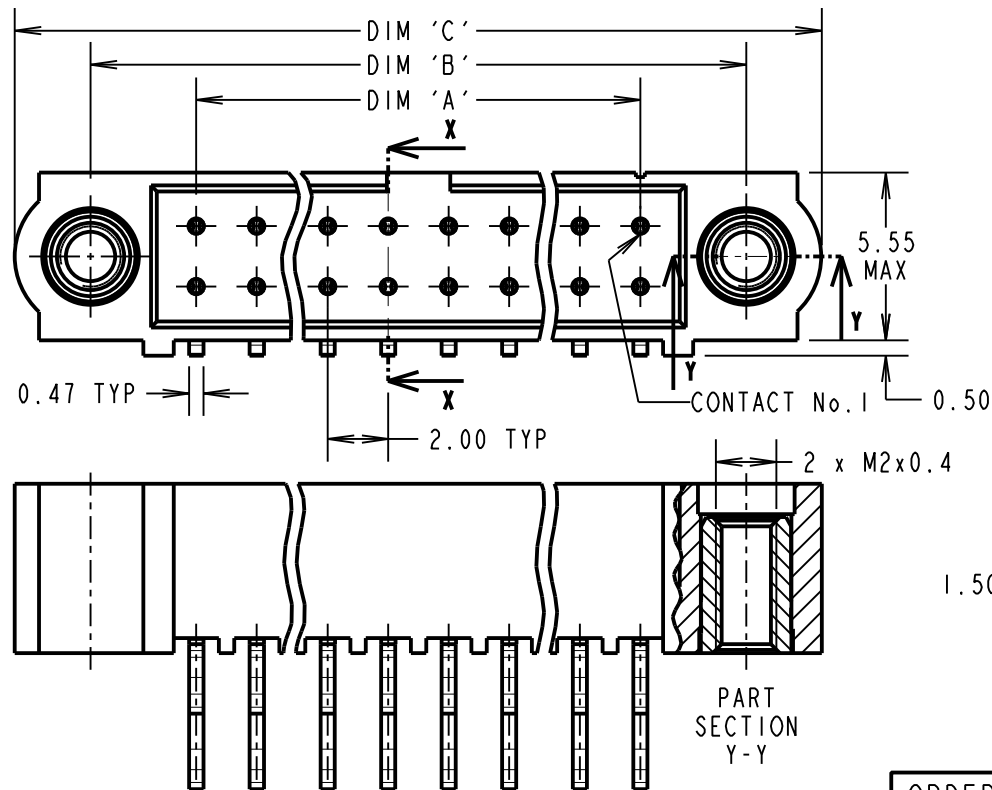
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

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

CONTACT = BRASS

JACKSCREW = STAINLESS STEEL

FINISH:05 = 0.75µ ALL OVER GOLD
22 = 0.75µ GOLD ON CONTACT AREA,
3µm 90/10 TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA,
3µm 100% TIN ON TAILS, OVER NICKEL**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:

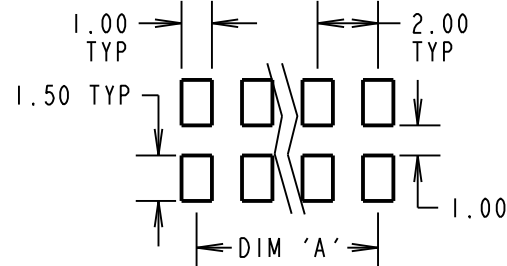
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)**RECOMMENDED PCB LAYOUT**

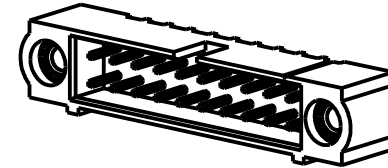
DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10
EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD ON CONTACT AREA AND 100% TIN ON TAIL, M80-5322042	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

ORDER CODE:**M80-532XXXX**TOTAL No. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)**FINISH CODE**

05 - ALL OVER GOLD

22 - GOLD ON CONTACT AREA / TIN/LEAD ON TAIL

42 - GOLD ON CONTACT AREA / 100% TIN ON TAIL



MSP	5	09.01.15	12761
NAME	ISS.	DATE	C/NOTE
APPROVED:		M. PERREN	
CHECKED:		M. PLESTED	
DRAWN:		B. M. KENT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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THEIR WRITTEN PERMISSION.**TOLERANCES**

X. = ±1mm

X.X = ±0.25mm

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 SMT
MALE ASSEMBLY**DRAWING NUMBER:****M80-532XXXX**SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-5320622](#) [M80-5320642](#) [M80-5321042](#) [M80-5321242](#) [M80-5321422](#) [M80-5321442](#) [M80-5321822](#) [M80-5321842](#) [M80-5322042](#) [M80-5322622](#) [M80-5322642](#) [M80-5323422](#) [M80-5323442](#) [M80-5324222](#) [M80-5324242](#) [M80-5325022](#) [M80-5325042](#) [M80-5324005](#) [M80-5321005](#) [M80-5322605](#) [M80-5320422](#) [M80-5320442](#)