

Customer Information Sheet

DRAWING No.: M80-5C1XX05M3-00-000-00-000 SHEET 2 OF 2

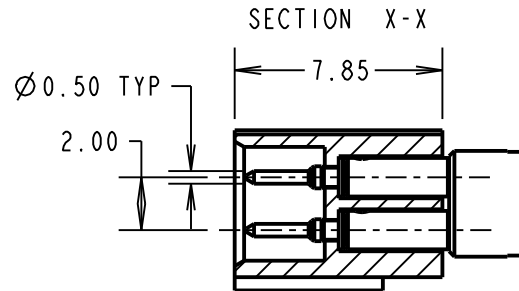
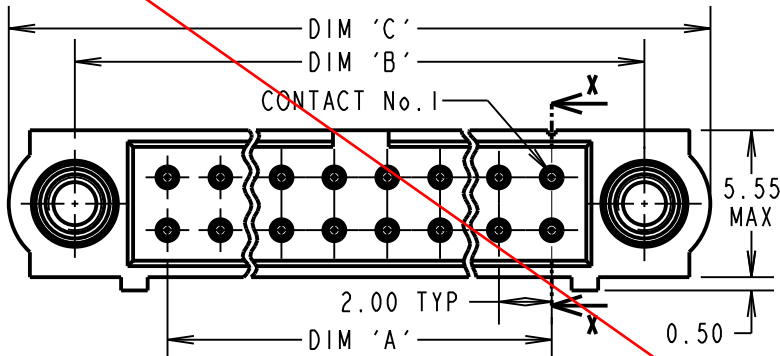
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

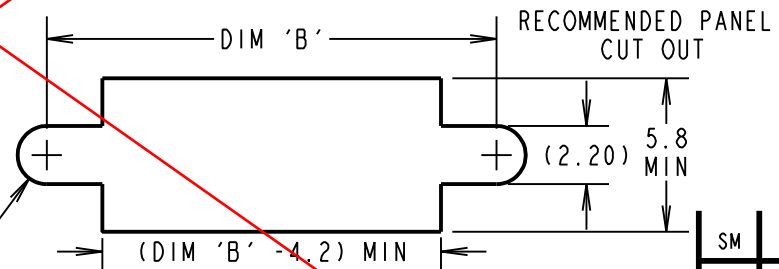
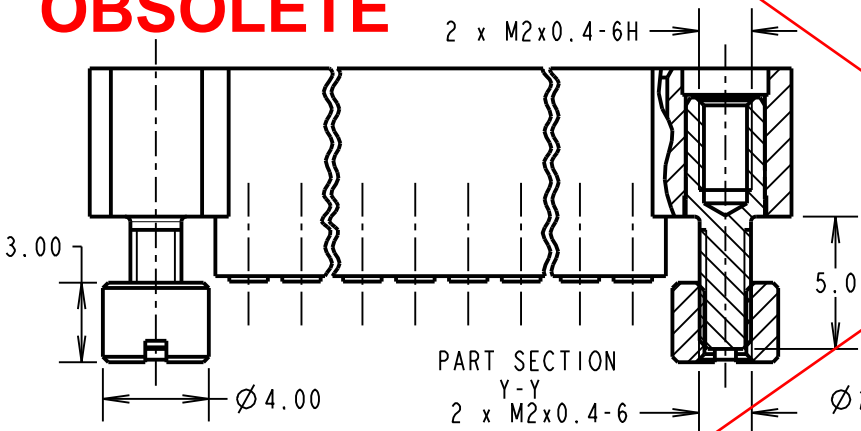
ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
 MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
 CONTACT = BRASS
 JACKSCREW & BOARDMOUNT = STAINLESS STEEL
FINISH
 CONTACT = 0.25-0.3µ GOLD
ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 WORKING VOLTAGE = 120V AC/DC
 VOLTAGE PROOF = 360V 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:
 BAG
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

- NOTES:**
- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
 - FOR EXTRA CONTACTS, USE PART NUMBER M80-1950005.
 - RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
 - RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER Z80-193
 - CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
 - RECOMMENDED HOLE SIZE FOR BOARDMOUNT = Ø2.20mm MIN.
 - INSTRUCTION SHEETS ARE AVAILABLE.

OBSOLETE

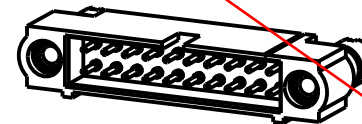


DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10
EXAMPLE: CONNECTOR WITH 20 CONTACTS, ALL OVER GOLD M80-5C12005M3-00-000-00-000	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

ORDER CODE:

M80-5C1XX05M3-00-000-00-000

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



SM	1	26.11.10	10806
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: R. ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA
 TEL: 603 893 5376
 FAX: 603 893 5396
 mis@harwin.com

HARWIN Europe (UK)
 TEL: 023 9231 4545
 FAX: 023 9231 4590
 mis@harwin.co.uk

HARWIN Asia
 TEL: +65 6 779 4909
 FAX: +65 6 779 3868
 mis@harwin.com.sg

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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 CRIMP (SMALL BORE) MALE
 ASSY WITH BOARDMOUNT J/S
DRAWING NUMBER:
M80-5C1XX05M3-00-000-00-000
 SHT 2 OF 2