

Customer Information Sheet

DRAWING No. : M80-5C1XX05M3

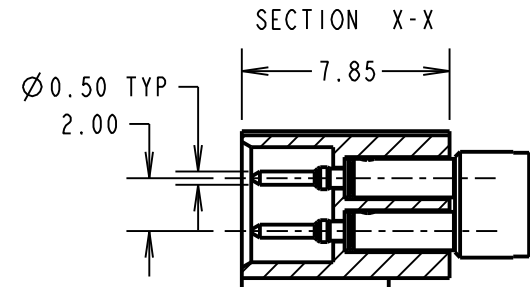
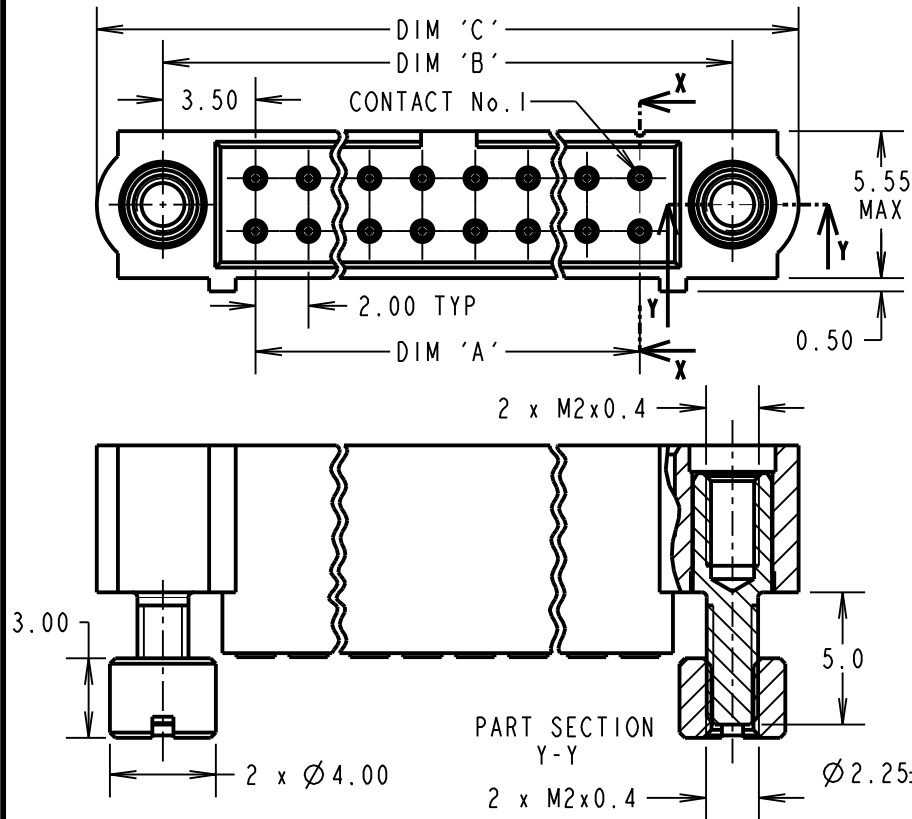
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



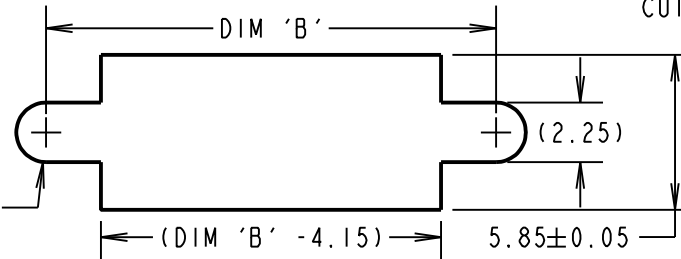
NOTES:

- CONNECTORS ARE SUPPLIED WITH CONTACTS AND NUTS 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 = $\varnothing 1.10\text{mm}$, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER Z80-193. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS. CONTACT INSERTION & EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

SPECIFICATIONS:

MATERIAL:
 MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
 CONTACT = BRASS
 JACKSCREW & BOARDMOUNT = STAINLESS STEEL
 FINISH
 CONTACT = 0.25-0.3 μ GOLD
 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:
 BAG
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

RECOMMENDED PANEL CUT OUT

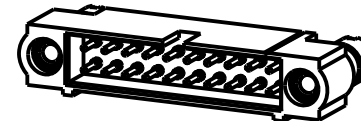


DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10
EXAMPLE: CONNECTOR WITH 20 CONTACTS, ALL OVER GOLD M80-5C12005M3	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

ORDER CODE:

M80-5C1XX05M3

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



LS	3	31.10.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED: LS			
CHECKED: SB			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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 technical@harwin.com

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TOLERANCES
 X. = $\pm 1\text{mm}$
 X.X = $\pm 0.50\text{mm}$
 X.XX = $\pm 0.10\text{mm}$
 X.XXX = $\pm 0.01\text{mm}$
 ANGLES = $\pm 5^\circ$
 UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

DATAMATE J-TEK
 MALE CRIMP ASSY (SMALL BORE)
 WITH BOARDMOUNT JACKSCREW

DRAWING NUMBER:

M80-5C1XX05M3

SHT
 2 OF 2

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