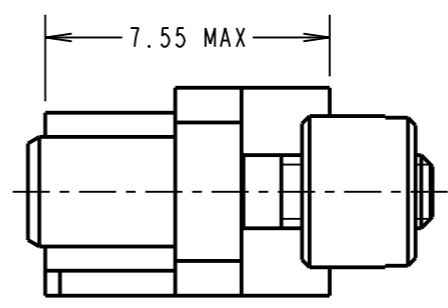
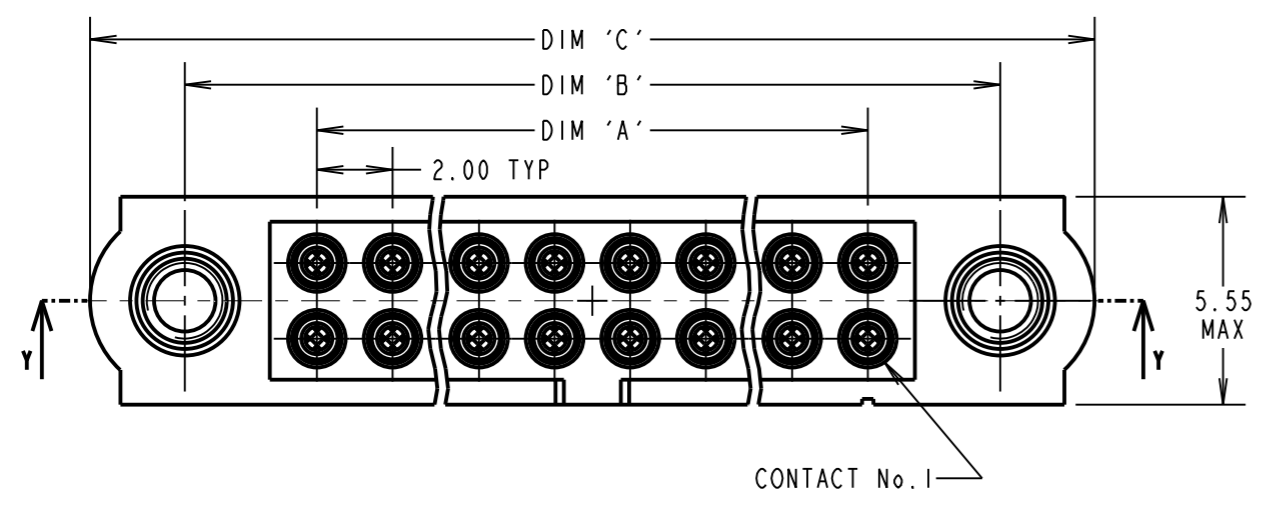
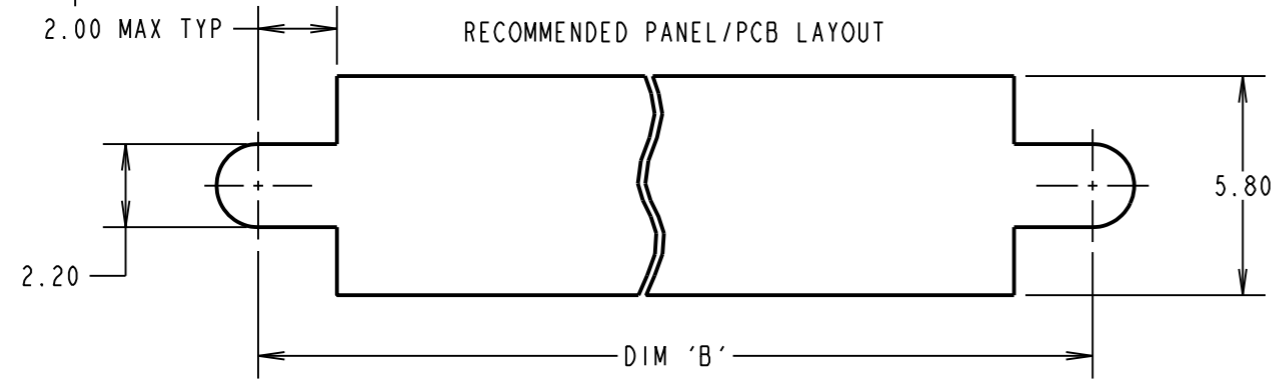
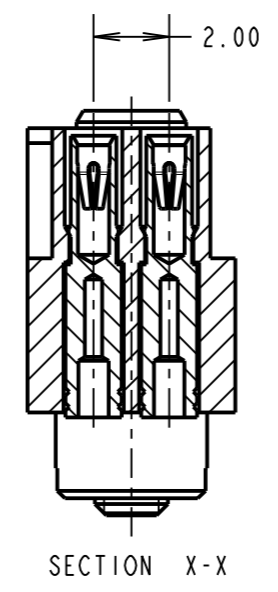
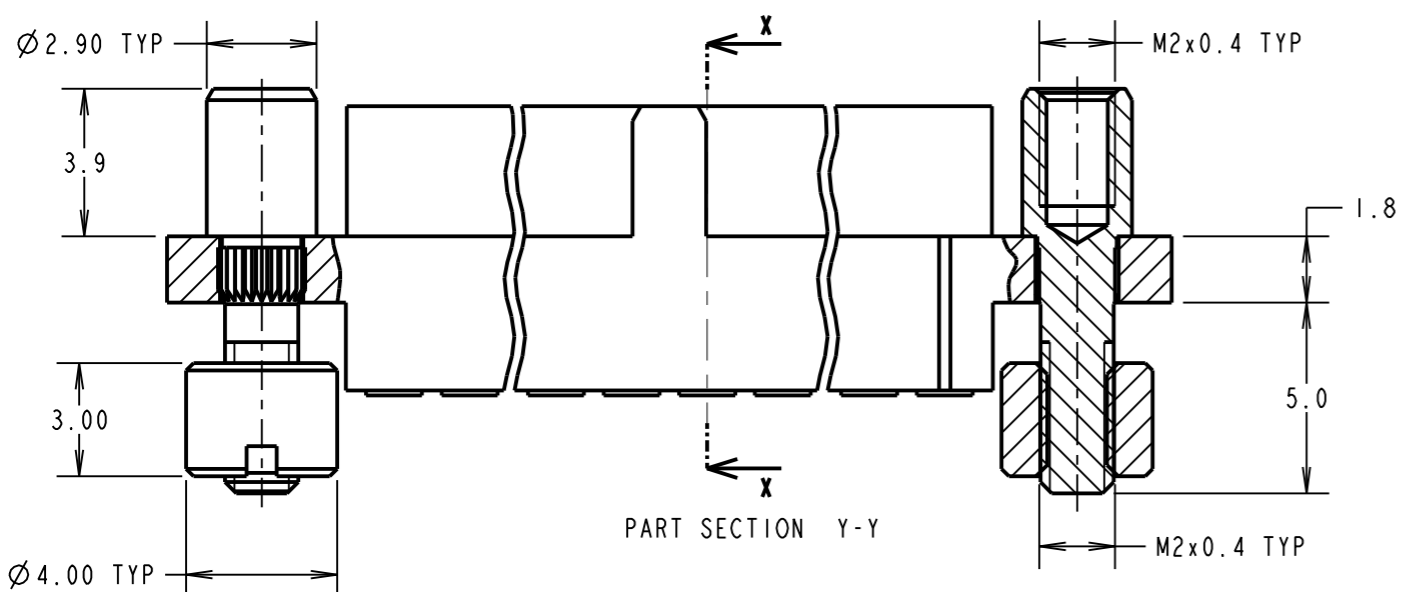


Customer Information Sheet

DRAWING No.: M80-4E1XXXXF9 IF IN DOUBT - ASK © NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
 MOULDING: GLASS FILLED PPS, UL94V-0, BLACK
 SIGNAL CONTACT:
 CLIP = BERYLIUM COPPER
 SHELL = BRASS
 JACKSCREW AND NUT: STAINLESS STEEL
FINISH:
 SIGNAL CONTACT:
 CLIP = 0.3µ GOLD
 SHELL = 0.25-0.3µ GOLD
ELECTRICAL:
 WORKING VOLTAGE = 800V AC/DC
 VOLTAGE PROOF = 1200V AC/DC
 INSULATION RESISTANCE = 100MΩ MIN
 SIGNAL CONTACT:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 CONTACT RESISTANCE = 25 mΩ MAX
MECHANICAL:
 DURABILITY = 500 OPERATIONS
 SIGNAL CONTACT:
 INSERTION FORCE = 2.8N MAX
 WITHDRAWAL FORCE = 0.2N MIN
ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
 BAG
 FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



- NOTES:**
- CONNECTOR IS SUPPLIED WITH CONTACTS LOOSE.
 - FOR EXTRA CONTACTS, USE PART No.'s.
 M80-0190001 FOR M80-4E1XX42F9.
 M80-0190005 FOR M80-4E1XX05F9.
 - RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, OR MIL-W-16878 TYPE ET, PTFE INSULATED 28-32 AWG. MAX INSULATION DIAMETER = Ø0.75mm, STRIP WIRE BY 2.00mm.
 - RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. 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.

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 CLIP AND 100% TIN OVER NICKEL SHELL, M80-4E12042F9

DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm

ORDER CODE:
M80-4E1XXXXF9

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

FINISH CODE
 05 - GOLD CLIP, GOLD SHELL
 42 - GOLD CLIP, 100% TIN OVER NICKEL SHELL

MGP	1	22.03.13	11932
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: M G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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		FINISH: SEE ABOVE	S/AREA: mm ²	DRAWING NUMBER: M80-4E1XXXXF9