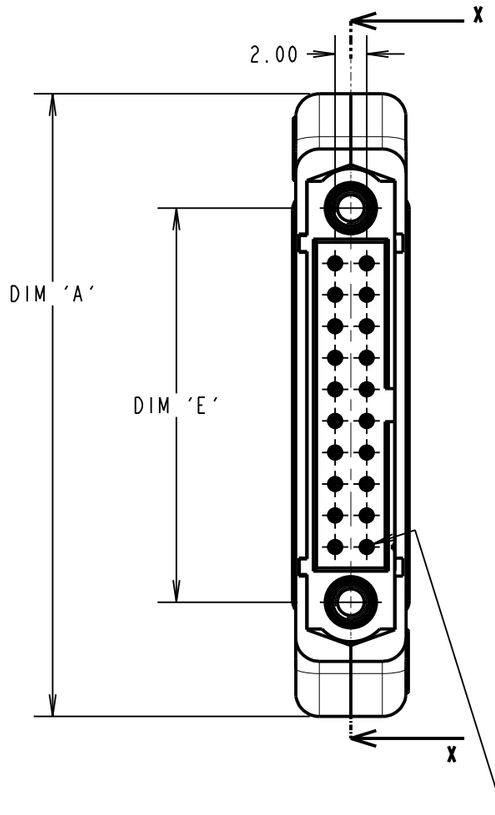
Customer Information Sheet

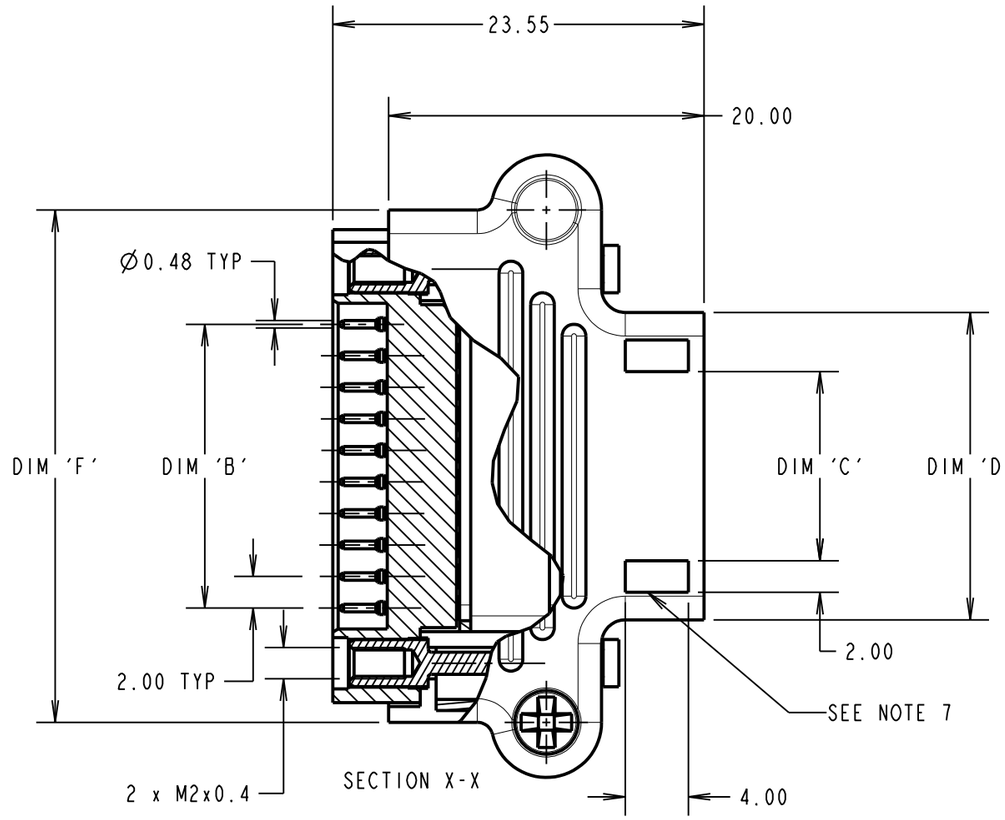
DRAWING No.: M80-942XXXX	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

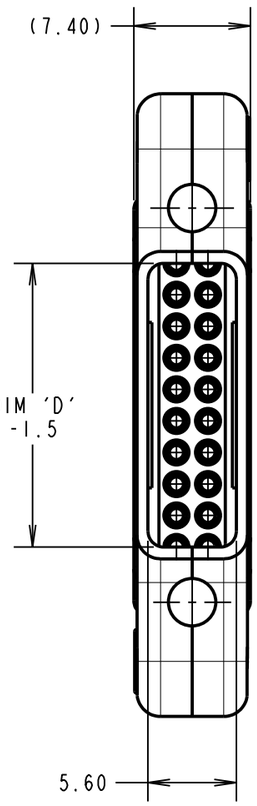
ORDER CODE:

M80-942XX05

TOTAL No. OF CONTACTS
06, 08, 10, 12, 14,
20, 26, 34, 42, 50







SPECIFICATIONS:
- MATERIAL:
  - CABLE HOOD = 30% GLASS-FILLED POLYAMIDE 46
  - DATAMATE MOULDING = 30% GLASS-FILLED PPS, UL94V-0, BLACK
  - CONTACT = BRASS
  - JACKSCREW = STAINLESS STEEL
  - CABLE HOOD FIXING SCREW = STAINLESS STEEL
- FINISH:
  - CONTACT:
  - 05 = 0.25-0.3µm GOLD
  - CABLE HOOD FIXING SCREW = BLACK 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 = 25mΩ MAX
  - INSULATION RESISTANCE = 100MΩ MIN
- MECHANICAL:
  - DURABILITY = 500 OPERATIONS
- ENVIRONMENTAL:
  - TEMPERATURE RANGE = -55°C TO +125°C
- PACKING:
  - BAG

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

PART NUMBER	No. OF CONTACTS	PART DIMENSIONS					
		DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
M80-94206XX	6	25.50	4.00	N/A	5.50	11.00	18.50
M80-94208XX	8	27.50	6.00	N/A	7.50	13.00	20.50
M80-94210XX	10	29.50	8.00	2.00	9.50	15.00	22.50
M80-94212XX	12	31.50	10.00	4.00	11.50	17.00	24.50
M80-94214XX	14	33.50	12.00	6.00	13.50	19.00	26.50
M80-94220XX	20	39.50	18.00	12.00	19.50	25.00	32.50
M80-94226XX	26	45.50	24.00	18.00	22.50	31.00	38.50
M80-94234XX	34	53.50	32.00	26.00	33.50	39.00	46.50
M80-94242XX	42	61.50	40.00	34.00	41.50	47.00	54.50
M80-94250XX	50	69.50	48.00	42.00	49.50	55.00	62.50

NOTES:
1. CONNECTORS ARE SUPPLIED WITH CONTACTS, CABLE HOOD SET, AND CABLE HOOD FIXING SCREWS LOOSE.
2. FOR EXTRA CONTACTS, USE PART NUMBER M80-1950005.
3. RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG.MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
4. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER Z80-193. SEE INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
5. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.
7. NO CABLE TIE SLOTS ON M80-94206XX AND M80-94208XX.

FM	8	26.03.18	20940
NAME	ISS.	DATE	C/NOTE

APPROVED: F. MCGOWAN
CHECKED: S. BENNETT
DRAWN: N. CODLING
CUSTOMER REF.:
ASSEMBLY DRG:

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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: mm²

TITLE: JACKSCREW DATAMATE DIL CRIMP (SMALL BORE) MALE ASSY WITH CABLE HOOD KIT

DRAWING NUMBER: M80-942XXXX
SHT 2 OF 2