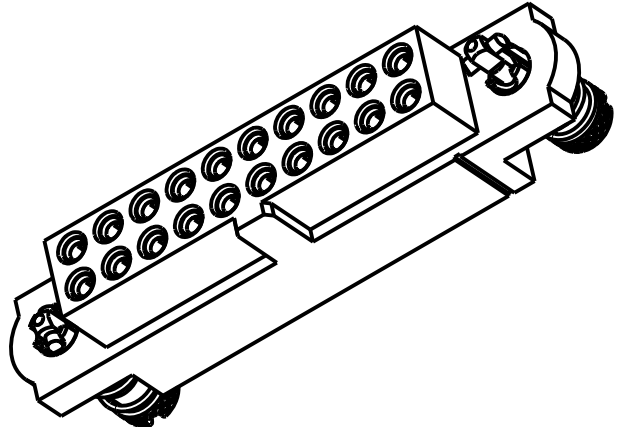
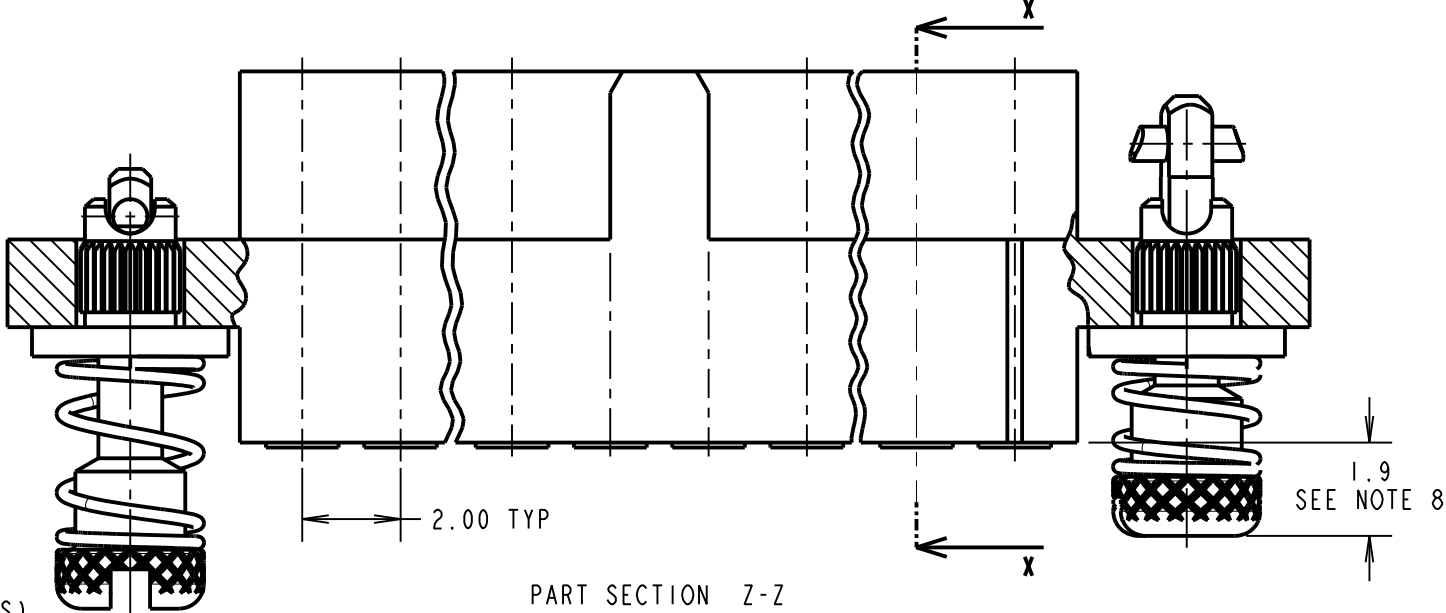
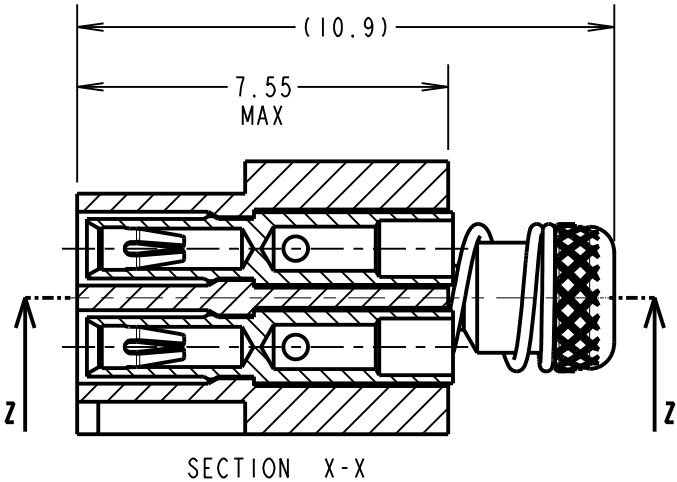
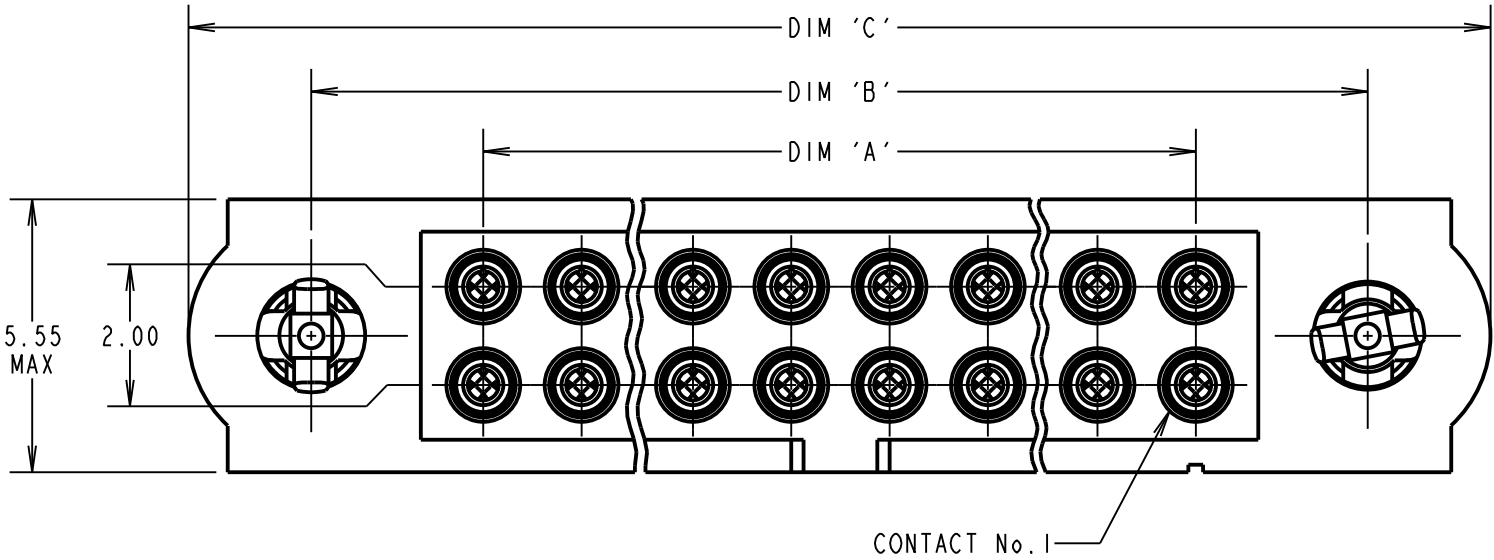
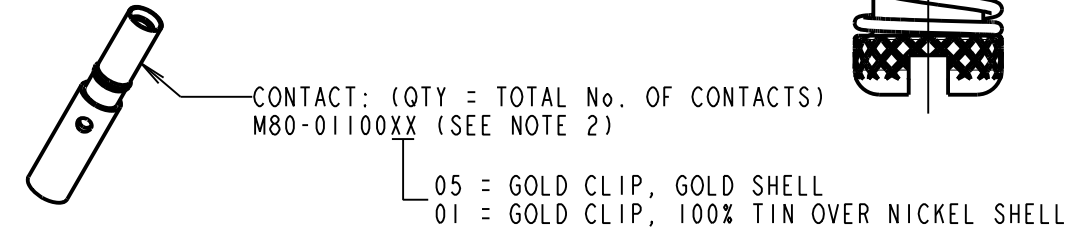


Customer Information Sheet

DRAWING No.: M80-4D1XXXXFC, M80-4D1XXXXFC-00-000-00-000 SHT 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 CLIP = BERYLLIUM COPPER
CONTACT SHELL = BRASS
10ILOK SCREW, COLLAR = STAINLESS STEEL
SPRING = MUSIC WIRE
FINISH:
05 = 0.3µ GOLD CLIP, 0.25-0.3µ GOLD SHELL
42 = 0.3µ GOLD CLIP, 3.5-5.0µ 100% TIN OVER NICKEL SHELL
05 & 42 = TIN COATED SPRINGS
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
INSERTION FORCE (Ø0.5mm GAUGE) = 2.8N MAX
WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
LOOSE

- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)
- NOTES:
- CONNECTOR IS SUPPLIED WITH CONTACTS LOOSE.
 - FOR EXTRA CONTACTS, USE PART No.'s.
M80-0110001 FOR M80-4D1XX42FI-00-000-00-000
M80-0110005 FOR M80-4D1XX05FI-00-000-00-000
 - RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
 - RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747.
 - CONTACT INSERTION & EXTRACTION TOOL = Z80-280
 - INSTRUCTION SHEETS ARE AVAILABLE.
 - SPRING LOAD WHEN SOLID = 2.64N.
SPRING RATE = 1.32N/mm
 - LENGTH WILL BE 1.9mm WHEN 10ILOK JACKSCREWS ARE ENGAGED WITH RETAINERS IN MATING CONNECTOR.
 - ALL PART LABELLING TO BE AS ORDER CODE, EITHER WITH TRAILING ZEROS OR LEFT BLANK AS PER ORDER CODE EXAMPLES 1 AND 2.



ORDER CODE: **M80-4D1XXXXFC-XX-XXX-XX-XXX**

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

NUMBER OF SPECIAL CONTACTS
X's CAN BE DISPLAYED AS TRAILING ZEROS OR LEFT BLANK
SEE EXAMPLE ORDER CODES FOR EXPLANATION.

DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL NUMBER CONTACTS + 10

EXAMPLE ORDER CODE 1: CONNECTOR WITH 20 SIGNAL CONTACTS, GOLD CLIP AND 100% TIN OVER NICKEL SHELL

M80-4D12042FC-00-000-00-000

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

EXAMPLE ORDER CODE 2: CONNECTOR WITH 20 SIGNAL CONTACTS, GOLD CLIP AND 100% TIN OVER NICKEL SHELL

M80-4D12042FC

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

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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: DATAMATE J-TEK FEMALE CRIMP ASSY (LARGE BORE) WITH 10ILOK JACKSCREWS
DRAWING NUMBER: **M80-4D1XXXXFC, M80-4D1XXXXFC-00-000-00-000**

SHT 2 OF 2