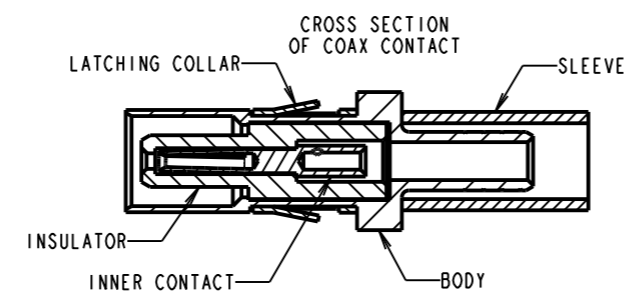
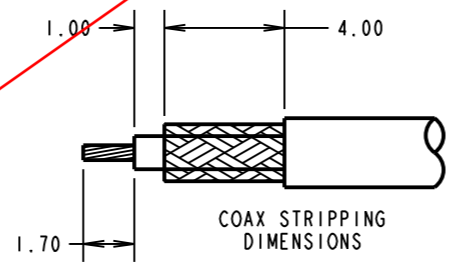
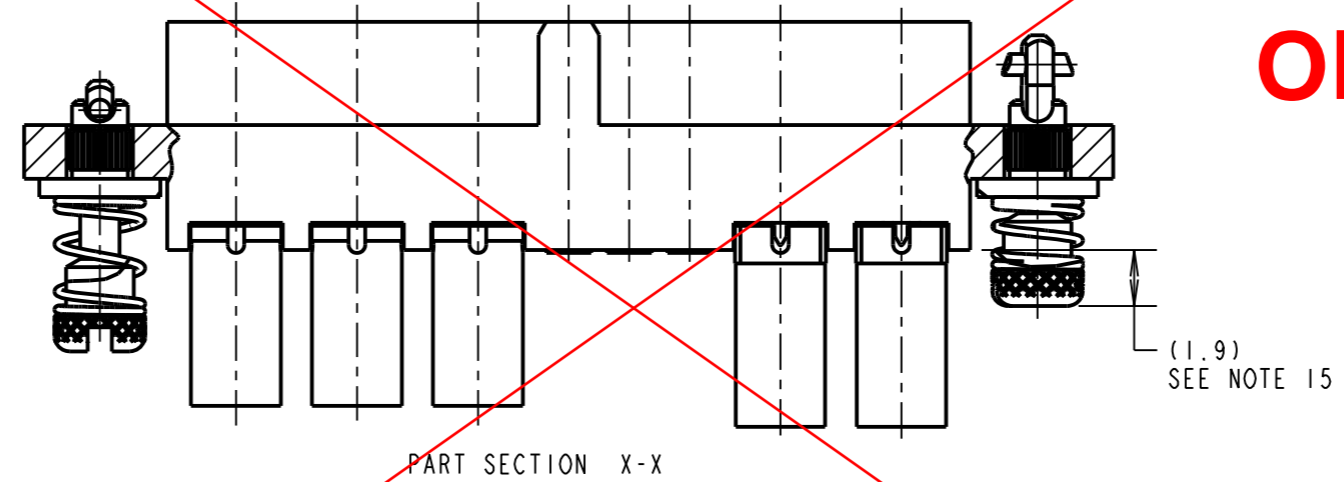
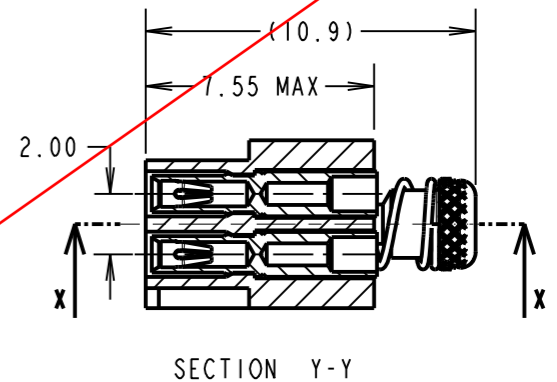
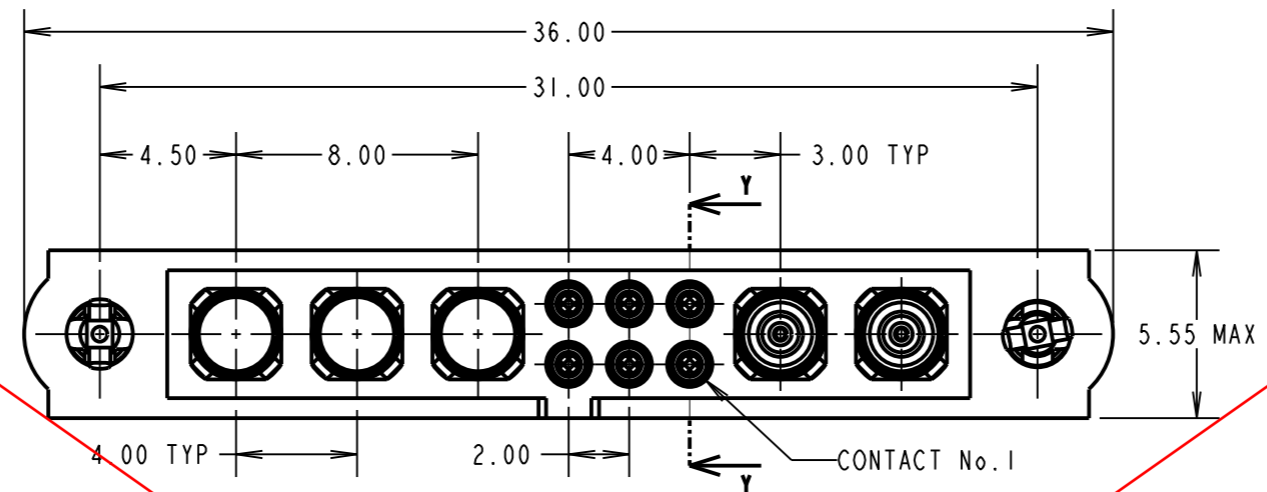


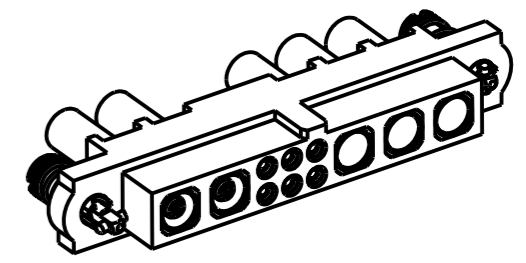
Customer Information Sheet

SPECIFICATIONS:

MATERIAL:
MOULDING: GLASS FILLED PPS, UL94V-0, BLACK
SIGNAL CONTACT:
CLIP = BERYLLIUM COPPER
SHELL = BRASS
COAX CONTACT:
BODY, SLEEVE = COPPER ALLOY
INNER CONTACT, LATCHING COLLAR = BERYLLIUM COPPER
INSULATOR = PTFE
POWER CONTACT:
BODY = COPPER ALLOY
LATCHING COLLAR = BERYLLIUM COPPER
SPRING = TIN COATED
HARDWARE:
10ILOK JACKSCREW, COLLAR = STAINLESS STEEL
SPRING = MUSIC WIRE
FINISH:
SIGNAL CONTACT:
CLIP = 0.3µ GOLD
SHELL = 3.5-5.0µ 100% TIN OVER NICKEL
COAX CONTACT:
BODY, SLEEVE, INNER CONTACT = GOLD
LATCHING COLLAR = NICKEL
POWER CONTACT:
BODY = GOLD
LATCHING COLLAR = NICKEL
ELECTRICAL:
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V 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
COAX CONTACT:
FREQUENCY RANGE = 6GHz
IMPEDANCE = 50 Ω
V.S.W.R = 1.05 + (0.04 x FREQUENCY) GHz MAX
CONTACT RESISTANCE 6 mΩ MAX
INSULATION RESISTANCE = 10⁶MΩ @250V AC
OPERATING VOLTAGE = 180V AC @ 500mA
MAXIMUM VOLTAGE = 1000V AC
POWER CONTACT:
CONTACT RESISTANCE = 6 mΩ MAX
CURRENT RATING = 15A MAX WITH 14AWG
CONTACT AS SPECIFIED
MECHANICAL:
DURABILITY = 500 OPERATIONS
SIGNAL CONTACT:
INSERTION FORCE = 2.8N MAX
WITHDRAWAL FORCE = 0.2N MIN
POWER AND COAX CONTACT:
INSERTION FORCE = 5N MAX
WITHDRAWAL FORCE = 0.5N MIN
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
BAG
FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



OBSOLETE



- NOTES:
- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
 - FOR EXTRA SIGNAL CONTACTS, USE PART NUMBER M80-0130001.
 - RECOMMENDED SIGNAL WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER = Ø1.10mm. STRIP WIRE BY 2.00MM FOR CRIMPING.
 - RECOMMENDED HAND CRIMP TOOL FOR SIGNAL CONTACTS = M22520/2-01 WITH POSITIONER T5747
 - SIGNAL CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
 - COAX CONTACT IS SUPPLIED AS A KIT OF PARTS: BODY, INSULATOR AND LATCHING COLLAR ARE PRE-ASSEMBLED AND SLEEVE AND INNER CONTACT ARE SEPARATE.
 - FOR EXTRA COAX CONTACTS, USE PART NUMBER M80-306.
 - RECOMMENDED HAND CRIMP TOOL FOR COAX INNER CONTACT = Z80-292 WITH POSITIONER Z80-291 AND RECOMMENDED HAND CRIMP TOOL AND DIE SET FOR COAX SLEEVE = Z80-293.
 - COAX CONTACT EXTRACTION TOOL = Z80-290
 - FOR EXTRA POWER CONTACTS, USE PART NUMBER M80-326
 - POWER CONTACT WIRE, STRIP BY 5.00mm MINIMUM
 - POWER CONTACT EXTRACTION TOOL = Z80-290
 - 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.

RA	2	28.01.11	11106
NAME	ISS.	DATE	C/NOTE
APPROVED:		R.ADDE	
CHECKED:		M.G.PLESTED	
DRAWN:		C.PENROSE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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 MIX-TEK FEMALE CRIMP ASSY (SMALL BORE) WITH 10ILOK JACKSCREWS
DRAWING NUMBER: M80-4C10642FC-02-306-03-326
SHT 2 OF 2