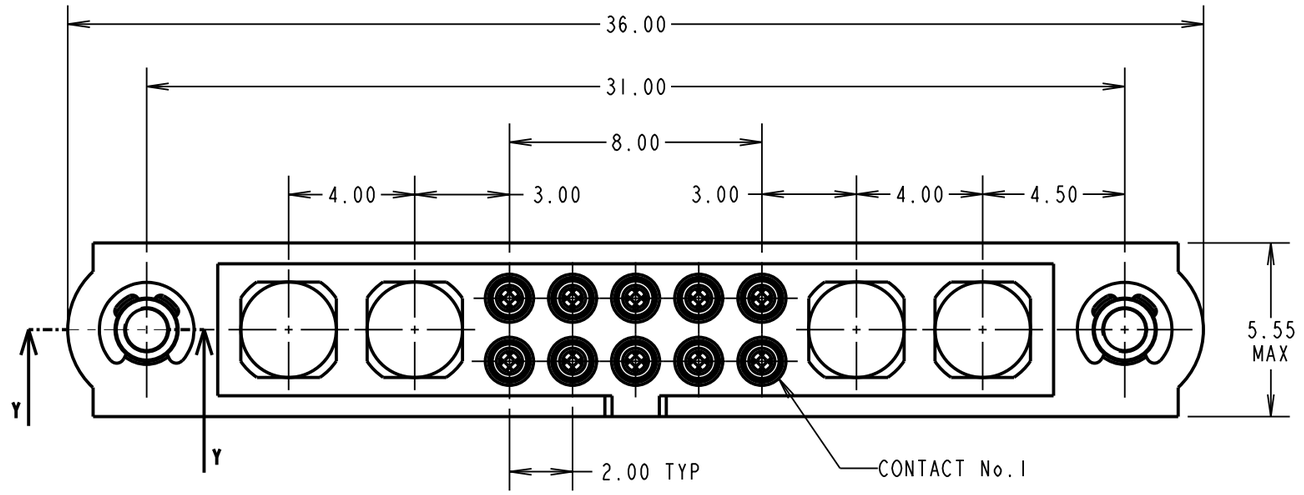
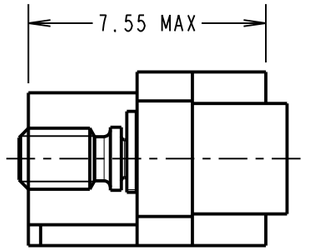
Customer Information Sheet

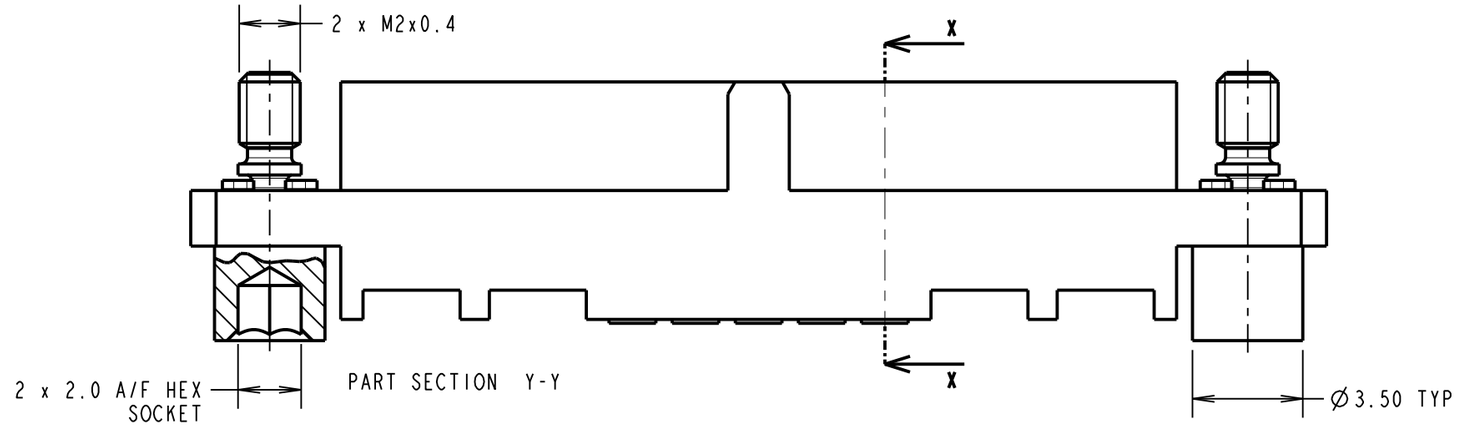
DRAWING No.: M80-4D11005F2-02-000-02-000	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

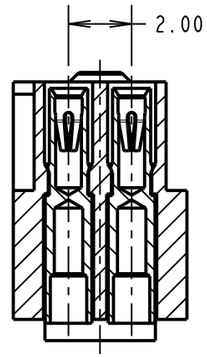
SPECIFICATIONS:

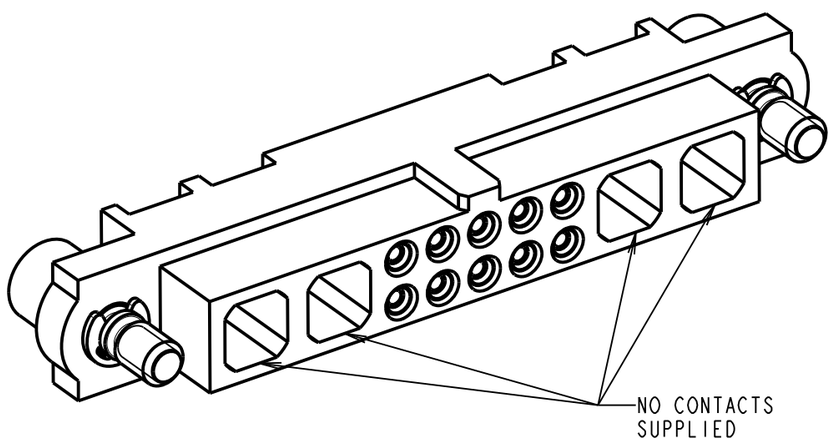
MATERIAL:
 MOULDING: GLASS FILLED PPS, UL94V-0, BLACK
 SIGNAL CONTACT:
  CLIP = BERYLIUM COPPER
  SHELL = COPPER ALLOY
 JACKSCREW, CIRCLIP: STAINLESS STEEL
FINISH:
 SIGNAL CONTACT:
  CLIP = 0.3µ GOLD OVER NICKEL
  SHELL = 0.25-0.3µ GOLD OVER NICKEL
ELECTRICAL:
 WORKING VOLTAGE = 800V AC/DC
 VOLTAGE PROOF = 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:
1. CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
2. FOR EXTRA SIGNAL CONTACTS, USE PART NUMBER M80-0110005.
3. RECOMMENDED SIGNAL WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm. STRIP WIRE BY 2.00MM FOR CRIMPING.
4. RECOMMENDED HAND CRIMP TOOL FOR SIGNAL CONTACTS = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
5. SIGNAL CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.
6. CONTACTS FOR POSITIONS ON 4.0mm PITCH ARE NOT SUPPLIED. SEE HARWIN CATALOGUE FOR AVAILABLE OPTIONS.

MGP	1	09.04.13	----
NAME	ISS.	DATE	C/NOTE

APPROVED: MGP
CHECKED: SB
DRAWN: M. G. PLESTED
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: JACKSCREW DATAMATE MIXED TECHNOLOGY CRIMP FEMALE ASSEMBLY

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