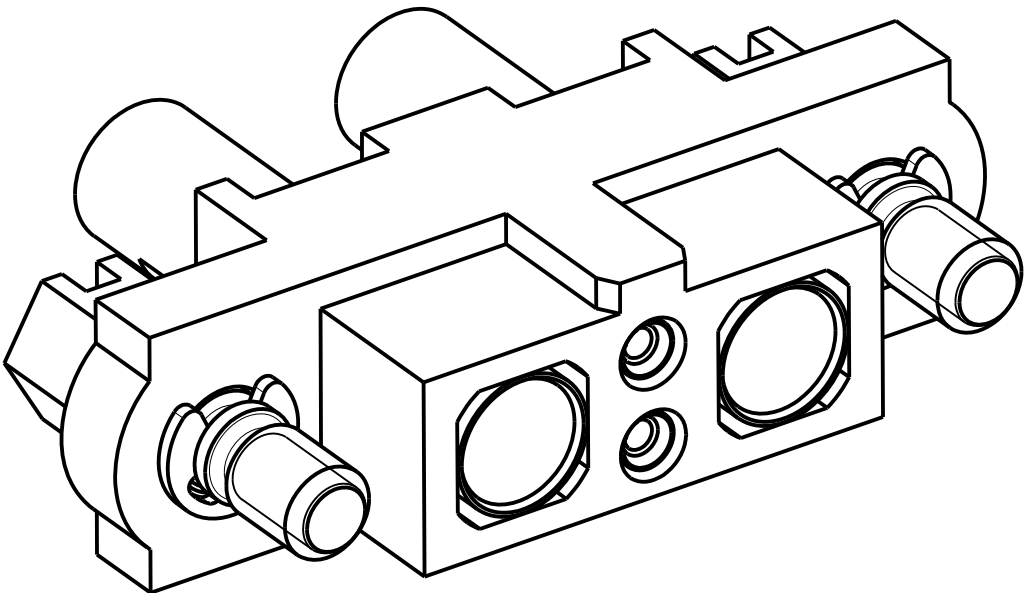
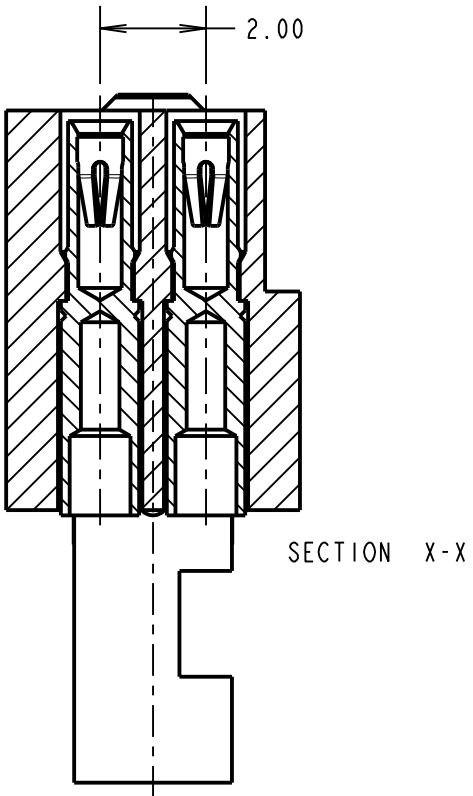
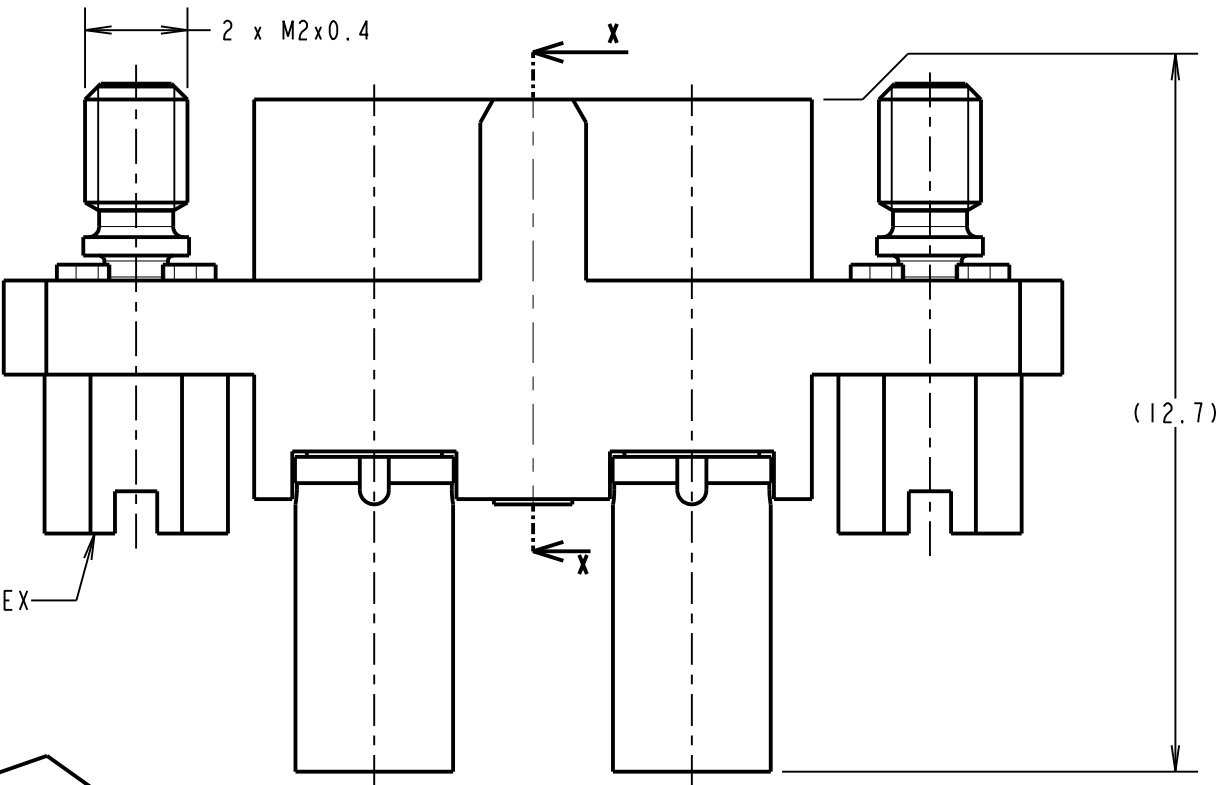
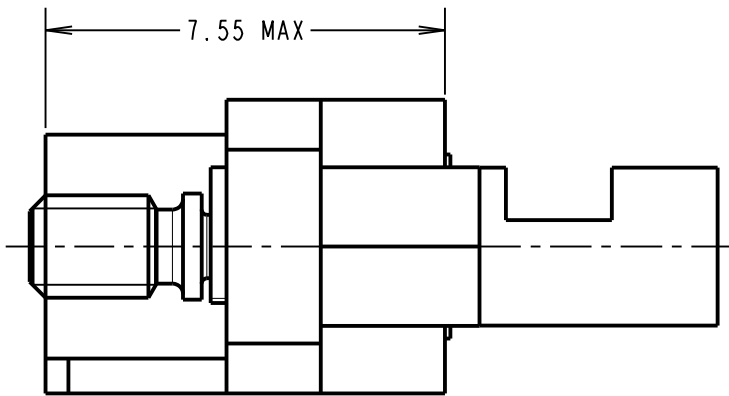
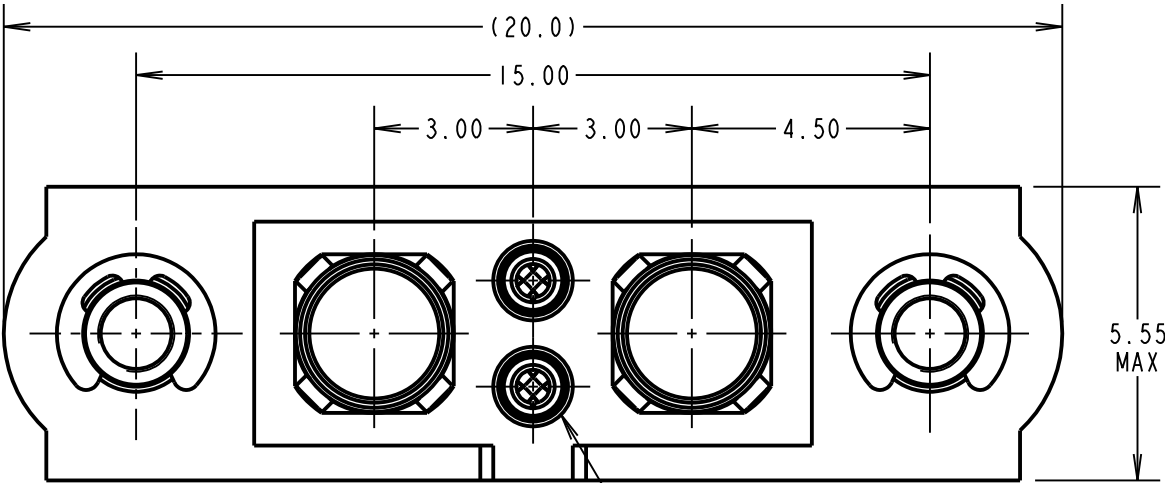


# Customer Information Sheet

**SPECIFICATIONS:**

**MATERIAL:**  
MOULDING: GLASS FILLED PPS, UL94V-0, BLACK  
**SIGNAL CONTACT:**  
CLIP = BERYLLIUM COPPER  
SHELL = BRASS  
**POWER CONTACT:**  
BODY = COPPER ALLOY  
LATCHING COLLAR = BERYLLIUM COPPER  
JACKSCREW, CIRCLIP = STAINLESS STEEL  
**FINISH:**  
**SIGNAL CONTACT:**  
CLIP = 0.3µ GOLD  
SHELL = 3.5-5.0µ 100% TIN  
**POWER CONTACT:**  
BODY = GOLD  
LATCHING COLLAR = 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  
**POWER CONTACT:**  
CONTACT RESISTANCE = 6 mΩ MAX  
CURRENT RATING = 15A MAX WITH 14AWG  
CONTACT AS SPECIFIED  
**MECHANICAL:**  
DURABILITY = 500 OPERATIONS  
**SIGNAL CONTACT:**  
INSERTION FORCE = 2.0N MAX  
WITHDRAWAL FORCE = 0.2N MIN  
**POWER CONTACT:**  
INSERTION FORCE = 8N 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)



- NOTES:**
- 1. CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
  - 2. FOR EXTRA SIGNAL CONTACTS, USE PART NUMBER M80-0130001.
  - 3. 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.
  - 4. RECOMMENDED HAND CRIMP TOOL FOR SIGNAL CONTACTS = M22520/2-01 WITH POSITIONER T5747.
  - 5. SIGNAL CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
  - 6. FOR EXTRA POWER CONTACTS, USE PART NUMBER M80-326
  - 7. POWER CONTACT WIRE, STRIP BY 5.00mm MINIMUM
  - 8. POWER CONTACT EXTRACTION TOOL = Z80-290
  - 9. INSTRUCTION SHEETS ARE AVAILABLE.

MSP	I	16.06.16	-----
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		M.PERREN	
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

www.harwin.com  
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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:	mm <sup>2</sup>

TITLE: JACKSCREW DATAMATE MIXED TECHNOLOGY CRIMP FEMALE ASSEMBLY	
DRAWING NUMBER:	SHT 2 OF 2
M80-4C10242FI-01-326-01-326	