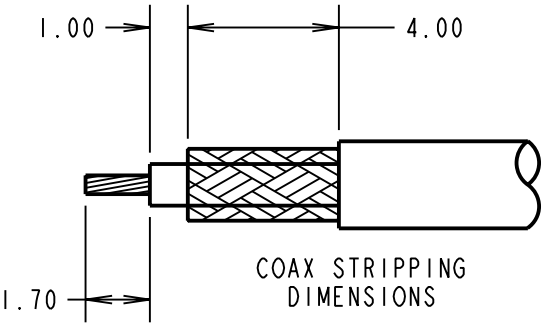
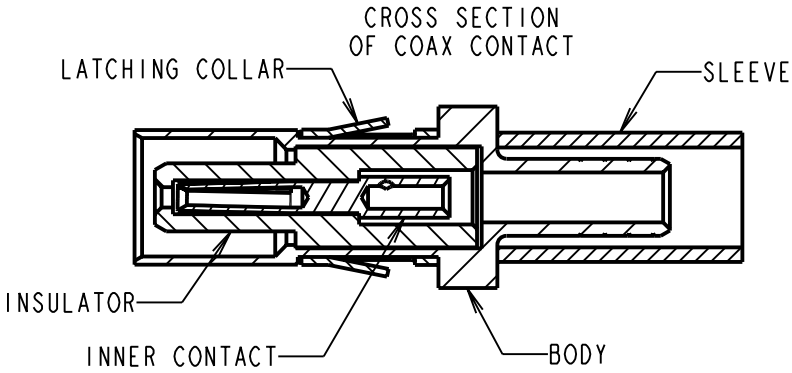
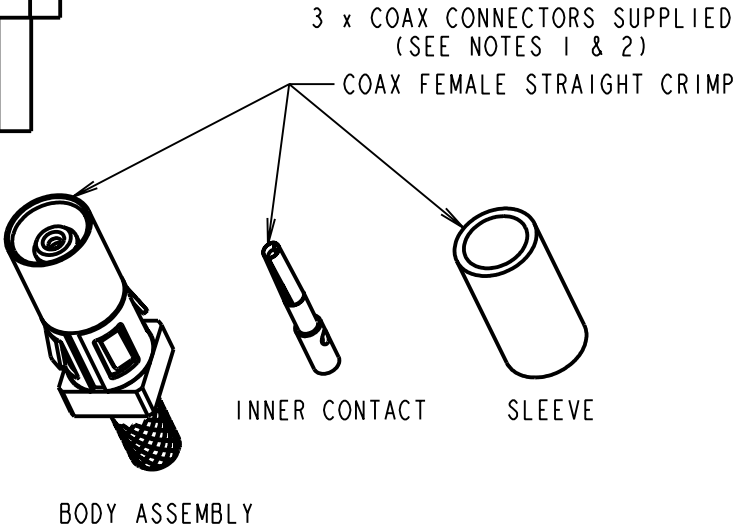
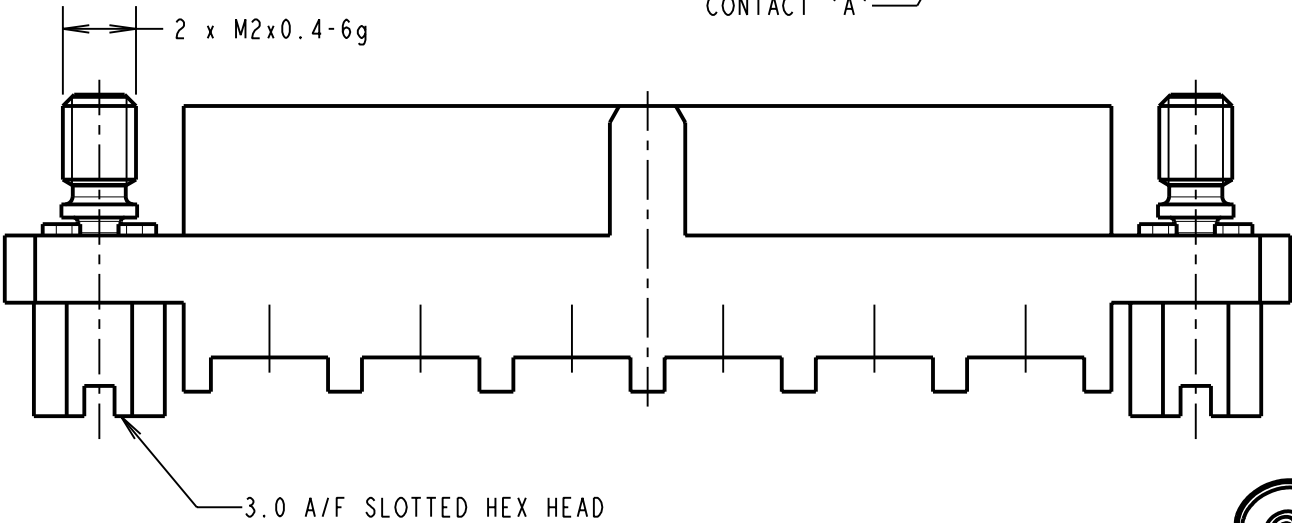
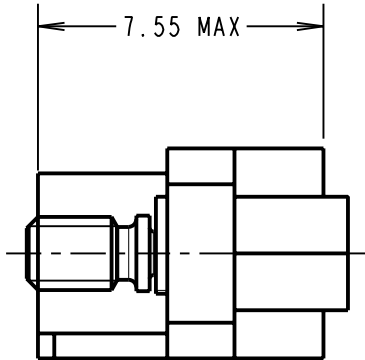
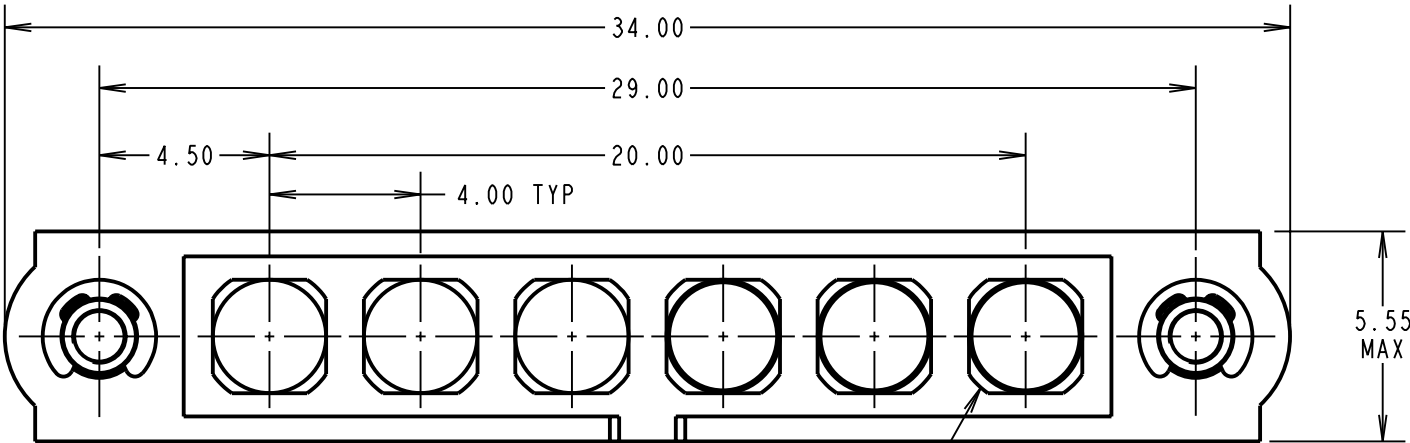


# Customer Information Sheet

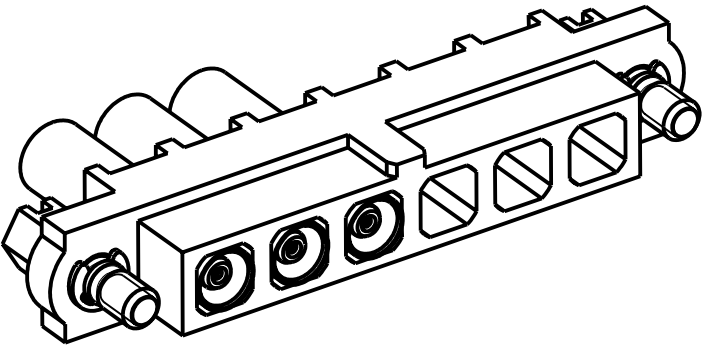
**SPECIFICATIONS:**

**MATERIAL:**  
MOULDING: GLASS FILLED PPS, UL94V-0, BLACK  
**COAX CONTACT:**  
BODY, SLEEVE = BRASS  
INNER CONTACT, LATCHING COLLAR = BERYLLIUM COPPER  
INSULATOR = PTFE  
JACKSCREW, CIRCLIP: STAINLESS STEEL  
**FINISH:**  
**COAX CONTACT:**  
BODY, SLEEVE, INNER CONTACT = GOLD  
LATCHING COLLAR = NICKEL  
**ELECTRICAL:**  
WORKING VOLTAGE = 120V AC/DC  
VOLTAGE PROOF = 360V AC/DC  
INSULATION RESISTANCE = 100MΩ MIN  
**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 = 10<sup>6</sup>MΩ @250V AC  
OPERATING VOLTAGE = 180V AC @ 500mA  
MAXIMUM VOLTAGE = 1000V AC  
**MECHANICAL:**  
DURABILITY = 500 OPERATIONS  
**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)



- NOTES:
- 1. CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
  - 2. COAX CONTACT IS SUPPLIED AS A KIT OF PARTS: BODY, INSULATOR AND LATCHING COLLAR ARE PRE-ASSEMBLED AND SLEEVE AND INNER CONTACT ARE SEPARATE.
  - 3. FOR EXTRA COAX CONTACTS, USE PART NUMBER M80-307.
  - 4. 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.
  - 5. COAX CONTACT EXTRACTION TOOL = Z80-290
  - 6. INSTRUCTION SHEETS ARE AVAILABLE.

|                |      |             |        |
|----------------|------|-------------|--------|
| RA             | I    | 29.06.10    | ----   |
| NAME           | ISS. | DATE        | C/NOTE |
| APPROVED:      |      | R.ADDE      |        |
| CHECKED:       |      | M.G.PLESTED |        |
| DRAWN:         |      | R.ADDE      |        |
| CUSTOMER REF.: |      |             |        |
| ASSEMBLY DRG:  |      |             |        |



|                                                                        |  |  |                                                                                                  |  |                                                                                |  |                                                                  |  |
|------------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------|--|------------------------------------------------------------------|--|
| HARWIN                                                                 |  |  | TOLERANCES                                                                                       |  | MATERIAL:                                                                      |  | TITLE: JACKSCREW DATAMATE MIXED TECHNOLOGY CRIMP FEMALE ASSEMBLY |  |
| HARWIN USA<br>TEL: 603 893 5376<br>FAX: 603 893 5396<br>mis@harwin.com |  |  | HARWIN Europe (UK)<br>TEL: 023 9231 4545<br>FAX: 023 9231 4590<br>mis@harwin.co.uk               |  | HARWIN Asia<br>TEL: +65 6 779 4909<br>FAX: +65 6 779 3868<br>mis@harwin.com.sg |  | SEE ABOVE                                                        |  |
|                                                                        |  |  | X. = ±1mm<br>X.X = ±0.25mm<br>X.XX = ±0.10mm<br>X.XXX = ±0.01mm<br>ANGLES = ±5°<br>UNLESS STATED |  | FINISH: SEE ABOVE                                                              |  | DRAWING NUMBER:                                                  |  |
|                                                                        |  |  |                                                                                                  |  | S/AREA: mm²                                                                    |  | M80-4000000F1-03-307-03-000                                      |  |
|                                                                        |  |  |                                                                                                  |  |                                                                                |  | SHT 2 OF 2                                                       |  |