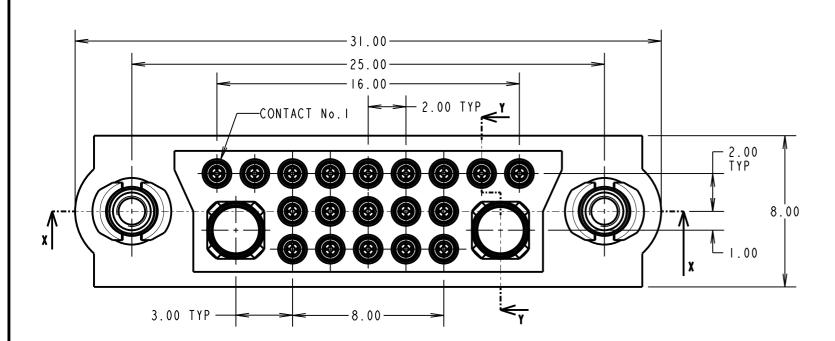
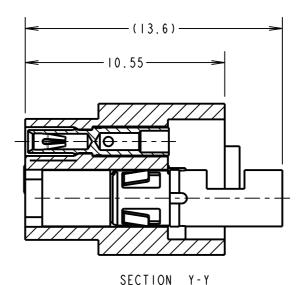
Customer Information

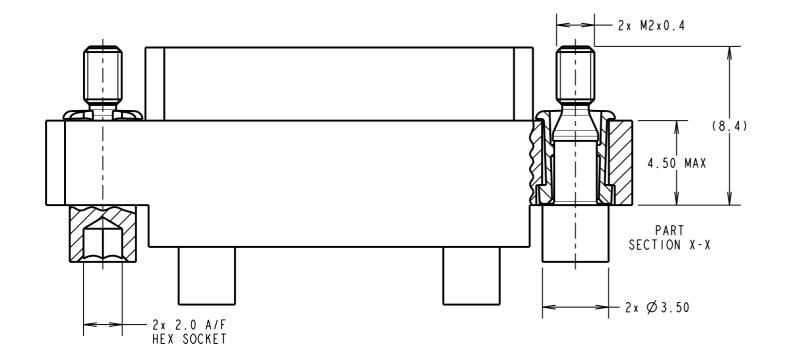
DRAWING No.: M83-LFD1F2N19-0101-326 IF IN DOUBT - ASK NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

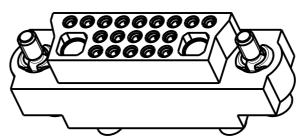


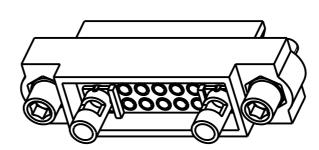


MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK JACKSCREW = STAINLESS STEEL JACKSCREW COLLAR = NICKEL COATED BRASS SIGNAL CONTACT: CLIP = BERYLLIUM COPPER SHELL = COPPER ALLOY POWER CONTACT: BODY = COPPER ALLOY LATCHING COLLAR = BERYLLIUM COPPER FINISH: SIGNAL CONTACT: CLIP = 0.3µ GOLD SHELL = 0.25-0.3µ GOLD POWER CONTACT BODY = GOLD LATCHING COLLAR = NICKEL ELECTRICAL: VOLTAGE PROOF = 1200V AC/DC WORKING VOLTAGE = 800V AC/DC INSULATION RESISTANCE = 100 M Ω MIN SIGNAL CONTACT: CURRENT RATING AT 25°C = 3.0A MAX CURRENT RATING AT 85°C = 2.2A MAX CONTACT RESISTANCE = 25 m Ω MAX POWER CONTACT: CURRENT RATING = 15A MAX WITH 14 AWG CONTACT AS SPECIFIED CONTACT RESISTANCE = $6m\Omega$ MAX MECHANICAL: DURABILITY = 500 OPERATIONS SIGNAL CONTACT: INSERTION FORCE = 1.0N MAX WITHDRAWAL FORCE = 0.2N MIN POWER CONTACT: INSERTION FORCE = 5N MAX WITHDRAWAL FORCE = 0.5N MIN ENVIRONMENTAL: TEMP RANGE = -55° C TO $+125^{\circ}$ C PACKING: BAG FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION CO05XX (LATEST ISSUE)

SPECIFICATIONS: MATERIAL:







20.06.12 NAME ISS. DATE C/NOTE APPROVED: MGP CHECKED: SB DRAWN: MARK G PLESTED CUSTOMER REF.: ASSEMBLY DRG:

- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
- 2. FOR EXTRA SIGNAL CONTACTS, USE PART NUMBER M80-0110005. FOR EXTRA POWER CONTACTS, USE PART NUMBER M80-326
- RECOMMENDED SIGNAL WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG, MAX INSULATION DIA = Ø1.10mm, STRIP WIRE BY 2.00mm.
- POWER CONTACT WIRE STRIP BY 5.00mm MINIMUM
- 4. RECOMMENDED HAND CRIMP TOOL FOR SIGNAL CONTACT = M22520/2-01 WITH POSITIONER T5747. SEE TOOLING INSTRUCTION SHEET IS-01 FOR CRIMPING INSTRUCTIONS
- 5. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. SEE INSTRUCTION SHEET IS-25 FOR ASSEMBLY INFORMATION.

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

UNLESS STATED

TOLERANCES X. = ±1mm X.X = ±0.25mn X.XX = ±0.10mm (.XXX = ±0.01mm

FINISH: SEE ABOVE ANGLES = ±5° S/AREA:

SEE ABOVE

MATERIAL:

JACKSCREW DATAMATE 3-ROW CRIMP/SOLDER FEMALE ASSY WITH SPECIAL CONTACTS

DRAWING NUMBER:

M83-LFD1F2N19-0101-326