

Customer Information Sheet

DRAWING No.: M83-LFCIFIN96-0000-000

SHEET 2 OF 2

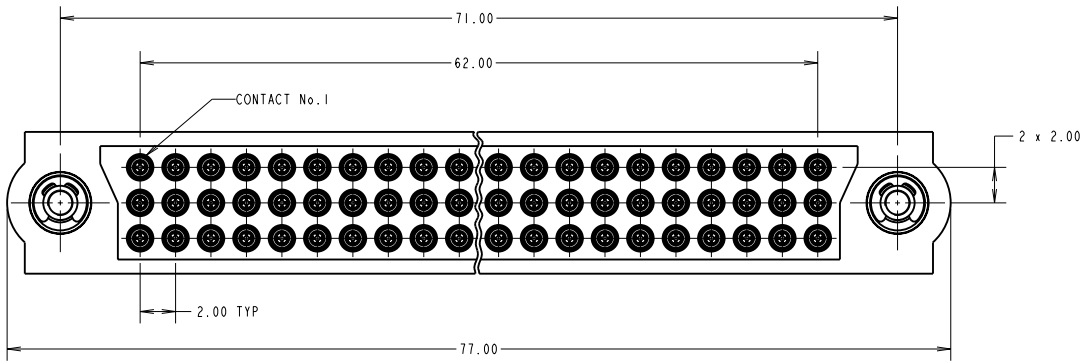
IF IN DOUBT - ASK

(C)

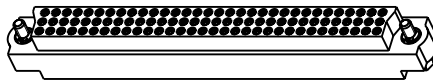
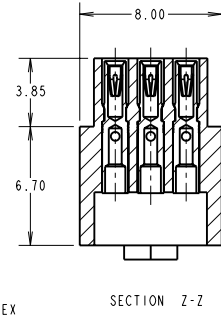
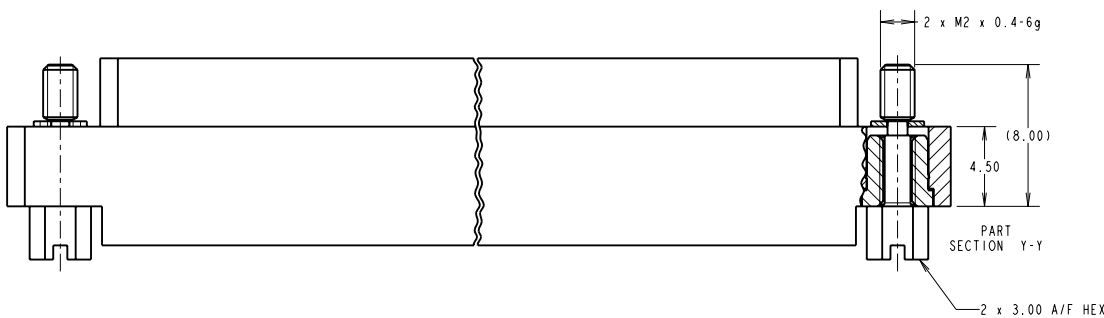
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
 MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
 JACKSCREW = STAINLESS STEEL
 CONTACT CLIP = BERYLLIUM COPPER
 CONTACT SHELL = BRASS
FINISH:
 CONTACT CLIP = 0.3µ GOLD
 CONTACT SHELL = 0.25-0.3µ GOLD
ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 WORKING VOLTAGE = 120V AC/DC
 VOLTAGE PROOF = 360V AC/DC
 CONTACT RESISTANCE = 25 mΩ MAX
 INSULATION RESISTANCE = 100 MΩ MIN
MECHANICAL:
 DURABILITY = 500 OPERATIONS
 INSERTION FORCE = 1.0N 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:

- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
- FOR EXTRA CONTACTS, USE PART NUMBER M83-0130005.
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747, SEE INSTRUCTION SHEET IS-01 FOR DETAILS.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280, SEE INSTRUCTION SHEET IS-25 FOR DETAILS.

RA	A	11.03.08	----
NAME	ISS.	DATE	C/NOTE
APPROVED: R.ADDE			
CHECKED: M.G.PLESTED			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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