

# Customer Information Sheet

DRAWING No.: M83-LFCIFIN96-0000-000

SHEET 2 OF 2

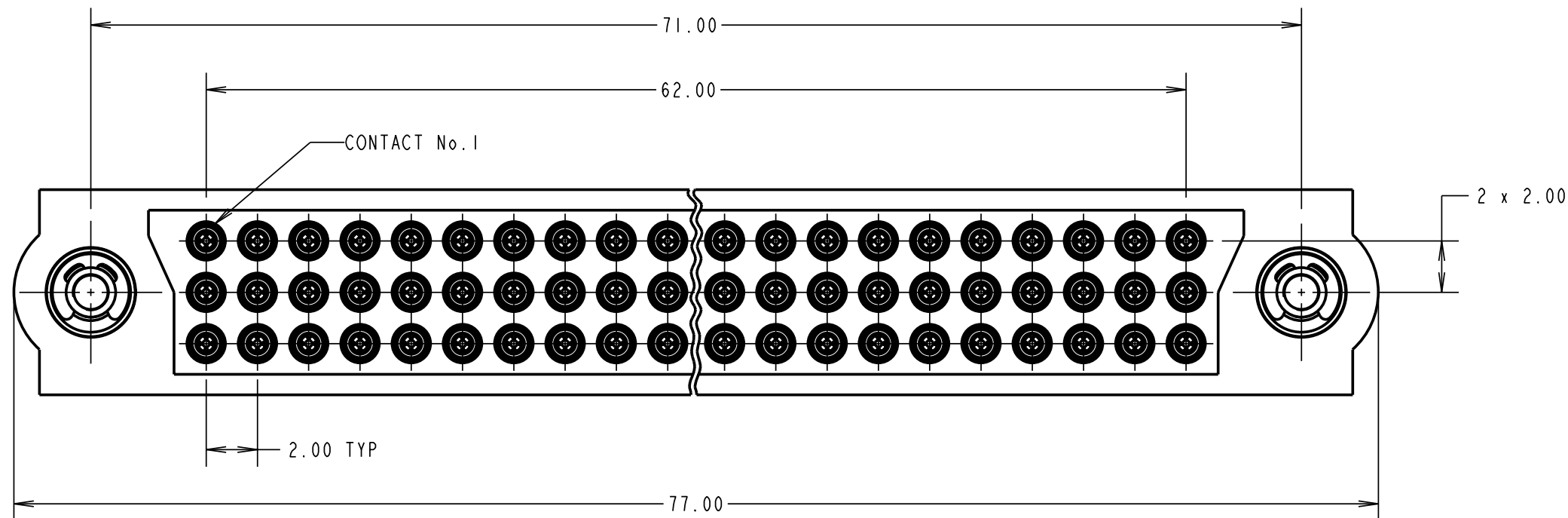
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**  
 Moulding = GLASS-FILLED PPS, UL94V-0, BLACK  
 JACKSCREW = STAINLESS STEEL  
 CONTACT CLIP = BERYLLIUM COPPER  
 CONTACT SHELL = BRASS

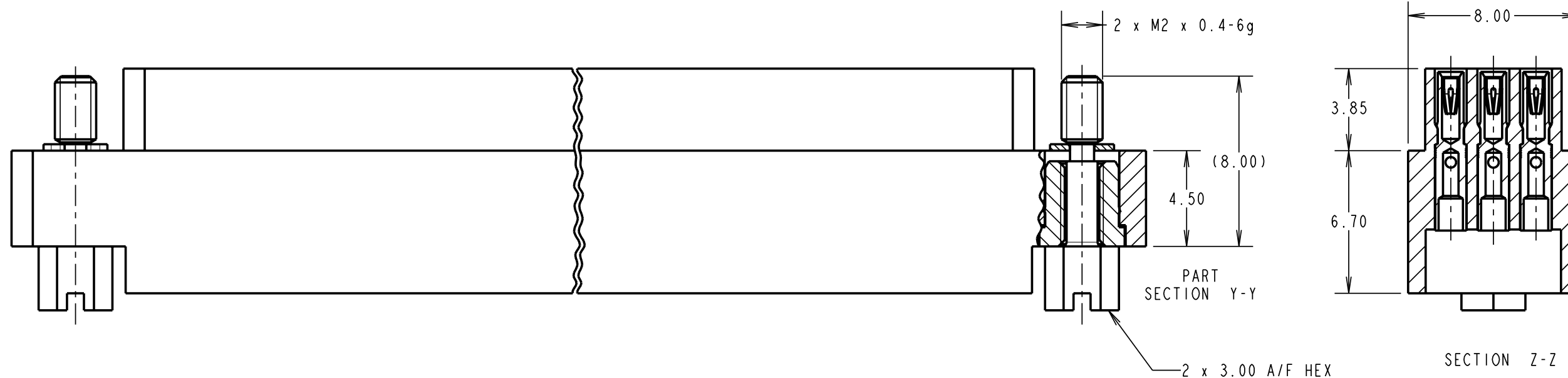
**FINISH:**  
 CONTACT CLIP = 0.3µ GOLD  
 CONTACT SHELL = 0.25-0.3µ GOLD

**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

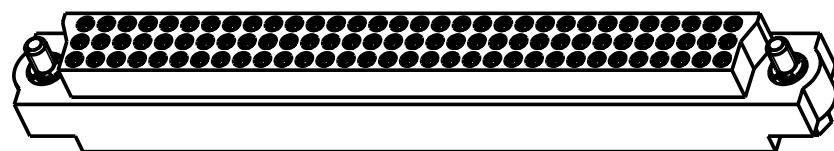
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -55°C TO +125°C

**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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