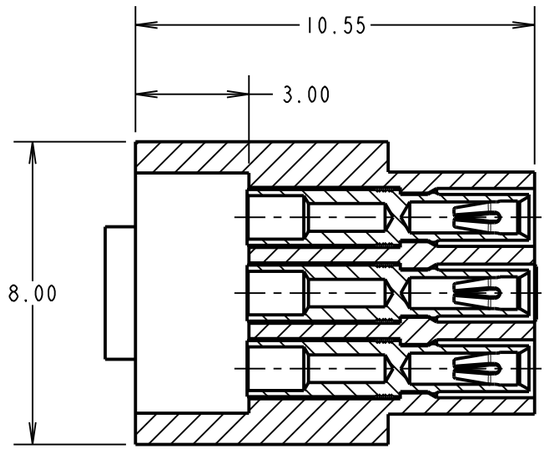
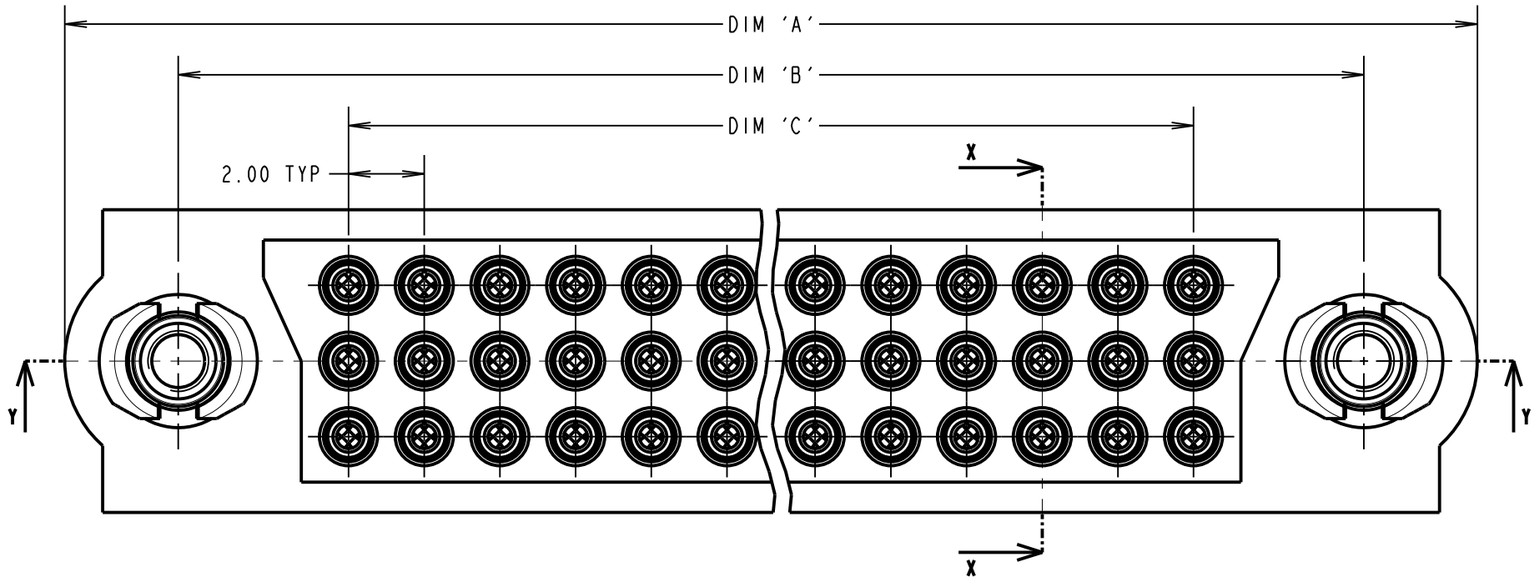
Customer Information Sheet

DRAWING No.: M83-LFCIF2NXX-0000-000	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm



SECTION X-X



SPECIFICATIONS:

MATERIAL:
- MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
- JACKSCREW = STAINLESS STEEL
- JACKSCREW COLLAR = NICKEL PLATED BRASS
- CONTACT CLIP = BERYLLIUM COPPER
- CONTACT SHELL = BRASS

FINISH:
- CONTACT CLIP = 0.3µm GOLD
- CONTACT SHELL = 0.25-0.3µm GOLD

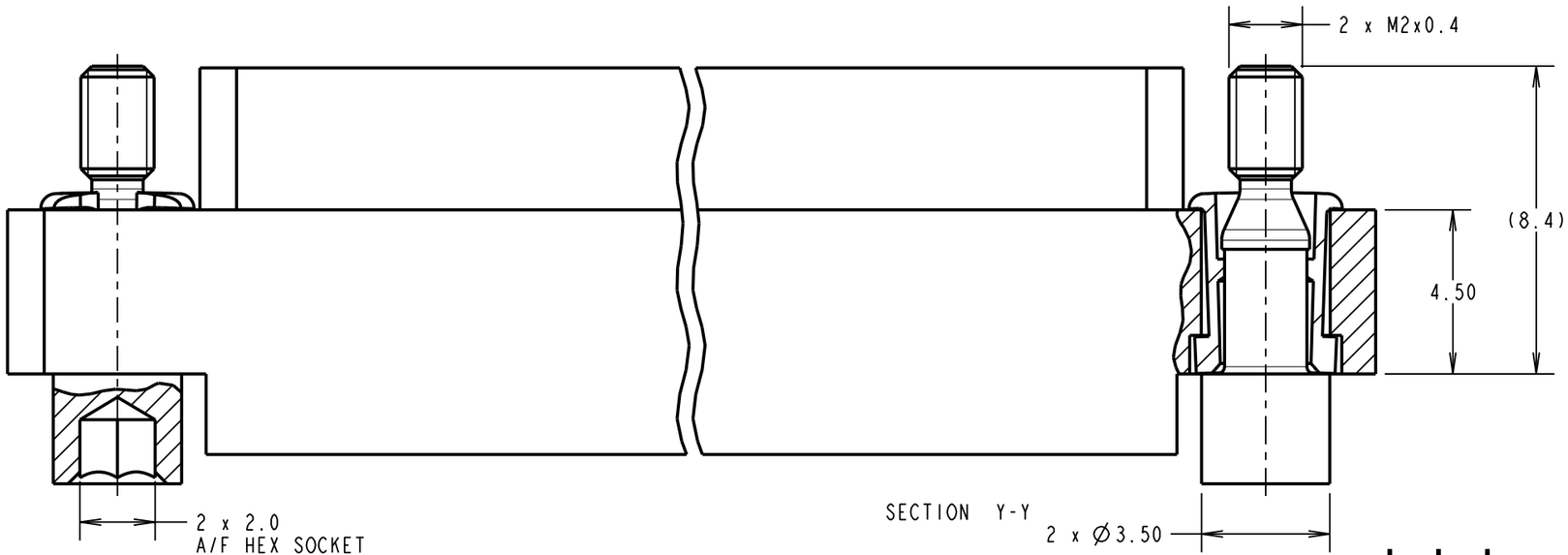
ELECTRICAL:
- CURRENT RATING AT 25°C = 3.0A MAX
- CURRENT RATING AT 85°C = 2.2A MAX
- WORKING VOLTAGE = 800V AC/DC
- VOLTAGE PROOF = 1200V AC/DC
- CONTACT RESISTANCE = 25mΩ MAX
- INSULATION RESISTANCE = 100MΩ MIN

MECHANICAL:
- DURABILITY = 500 OPERATIONS
- INSERTION FORCE = 1.0N MAX
- WITHDRAWAL FORCE = 0.2N MIN

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

PACKING:
- TRAYS

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



SECTION Y-Y

DIMENSION	CALCULATION
DIM 'A'	((TOTAL No. OF CONTACTS /3) x2) +13.0
DIM 'B'	((TOTAL No. OF CONTACTS /3) x2) +7.00
DIM 'C'	((TOTAL No. OF CONTACTS /3) x2) -2.00
EXAMPLE: CONNECTOR WITH 27 CONTACTS, M83-LFCIF2N27-0000-000 DIM 'A' = 31.0, DIM 'B' = 25.00, DIM 'C' = 16.00	

ORDER CODE:

M83-LFCIF2NXX-0000-000

TOTAL No. OF CONTACTS
18, 27, 36, 51, 54, 60, 72, 96

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

MGP	4	17.02.21	22194
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: MR			
DRAWN: S. MCCULLAGH			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWiN
www.harwin.com
technical@harwin.com

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL: SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: 3-ROW DATAMATE FEMALE CRIMP ASSEMBLY (SMALL BORE)

DRAWING NUMBER: M83-LFCIF2NXX-0000-000

SHT 2 OF 2