## Customer Information

IF IN DOUBT - ASK DRAWING No.: M80-4D11242F2-04-000-00-000 NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

## SPECIFICATIONS:

MATERIAL: MOULDING = GLASS FILLED PPS, UL94V-0, BLACK SIGNAL CONTACT:

CLIP = BERYLIUM COPPER SHELL = COPPER ALLOY

FINISH:

SIGNAL CONTACT:

CLIP = 0.3µ GOLD OVER NICKEL

SHELL = 3.5-5.0µ 100% TIN OVER NICKEL

**ELECTRICAL:** 

WORKING VOLTAGE = 800V AC/DC VOLTAGE PROOF = 1200V AC/DC

INSULATION RESISTANCE =  $100M\Omega$  MIN

SIGNAL CONTACT:

CURRENT RATING AT 25°C = 3.0A MAX CURRENT RATING AT 85°C = 2.2A MAX

CONTACT RESISTANCE =  $25m\Omega$  MAX

MECHANICAL:

DURABILITY = 500 OPERATIONS

SIGNAL CONTACT:

INSERTION FORCE = 2.0N MAX

WITHDRAWAL FORCE = 0.2N MIN

**ENVIRONMENTAL:** 

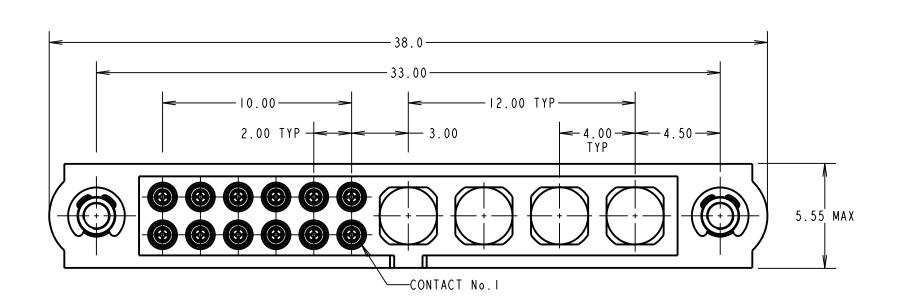
TEMPERATURE RANGE = -55°C TO +125°C

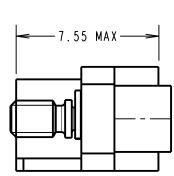
PACKING:

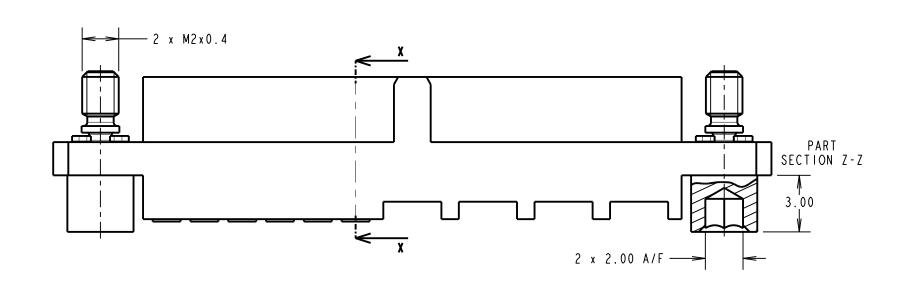
BAG

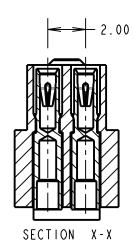
FOR COMPLETE SPECIFICATION SEE COMPONENT

SPECIFICATION COO5XX (LATEST ISSUE)









I. CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.

2. FOR EXTRA SIGNAL CONTACTS, USE PART NUMBER M80-0110001

3. RECOMMENDED SIGNAL WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG. MAX INSULATION DIAMETER = ØI.IOmm. STRIP WIRE BY 2.00mm FOR CRIMPING.

4. RECOMMENDED HAND CRIMP TOOL FOR SIGNAL CONTACTS = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.

5. SIGNAL CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

S/AREA:

19.06.17 NAME ISS DATE C/NOTE APPROVED: M.PERREN CHECKED: S.BENNET1 DRAWN: M.PERREN

ASSEMBLY DRG:

CUSTOMER REF.:

COMPLETE ASSEMBLY FOR ILLUSTRATION ONLY

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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
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TOLERANCES X. = ±1mm X.X = ±0.25mm X.XX = ±0.10mn  $X.XXX = \pm 0.01$ mm ANGLES = ±5°

UNLESS STATED

MATERIAL:	
	SEE ABOVE
FINISH:	SEE ABOVE

JACKSCREW DATAMATE MIXED TECHNOLOGY CRIMP FEMALE ASSEMBLY

DRAWING NUMBER:

M80-4D11242F2-04-000-00-000 CoF,