

Customer Information Sheet

SHEET 2 OF 2

©

ALL DIMENSIONS IN mm

MATERIAL:
MOULDING = GLASS-FILLED POLYESTER,
 UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE
LATCHES = BERYLLIUM COPPER
FINISH:
CONTACTS:
 05 = 0.75 μ GOLD
 22 = 0.75 μ GOLD ON CONTACT AREA.
 3.0 μ 90/10 TIN/LEAD ON TAILS
LATCH = 1.25 μ NICKEL

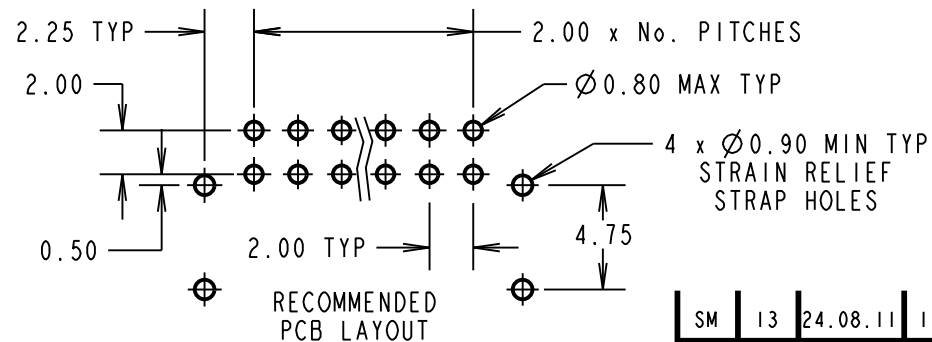
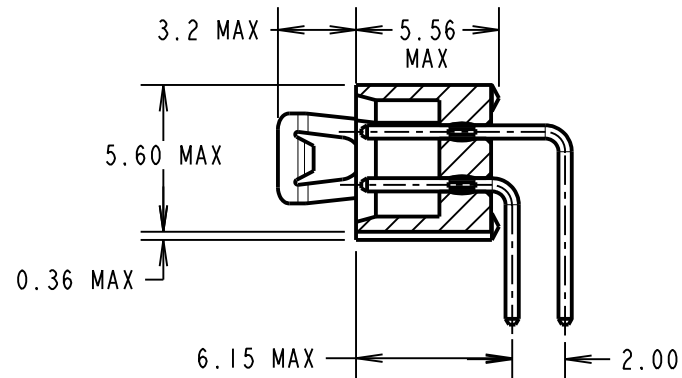
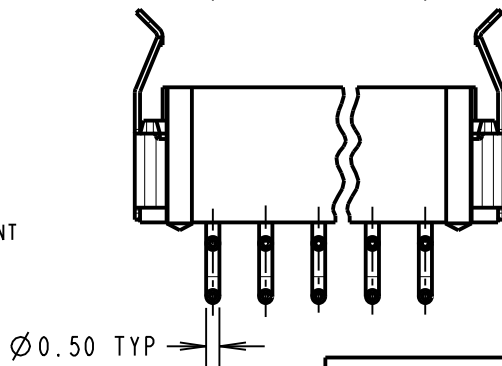
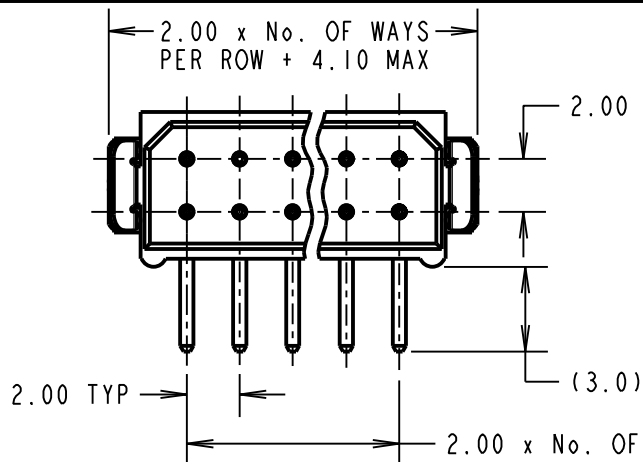
CURRENT RATING (25°C) = 3.0A MAX.
CURRENT RATING (85°C) = 2.2A MAX.
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC

INITIAL = 20 mΩ MAX.
AFTER CONDITIONING = 25 mΩ MAX.
INSULATION RESISTANCE:
INITIAL = 1000 MΩ MIN.
AFTER CONDITIONING = 100 MΩ MIN.

DURABILITY = 500 OPERATIONS

TEMPERATURE RANGE = -55°C TO +125°C

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



1. 2-OFF STRAIN RELIEF STRAPS M80-0030006 ARE INCLUDED WITH THIS CONNECTOR.
2. FOR RoHS COMPLIANT EQUIVALENT PRODUCT USE M80-851XXXX CONNECTORS.

B5743-2XX-M-L-X

TOTAL No. OF WAYS
04, 06, 08, 10, 12, 14, 16,
18, 20, 26, 34, 44

FINISH: _____
1 = SELECTIVE GOLD + TIN/LEAD
3 = GOLD

M80-866XXXX

TOTAL No. OF WAYS _____
04, 06, 08, 10, 12, 14, 16,
18, 20, 26, 34, 44

FINISH: _____
05 = GOLD
22 = SELECTIVE GOLD & TIN/LEAD

SM	13	24.08.11	11434
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: K. SHIER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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X. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$

UNLESS STATED

SEE ABOVE

FINISH: SEE ABOVE

mm²

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:      DATAMATE DIL
HORIZONTAL MALE PC TAIL
ASSEMBLY - LATCHED

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M80-866XXXX

SHT
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OF 2

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