

Customer Information Sheet

DRAWING No.: M80-796XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-796XXXX

TOTAL No. OF WAYS
02-07, 17, 22

FINISH _____
22 - GOLD ON CONTACT AREA
TIN/LEAD ON TAILS
42 - GOLD ON CONTACT AREA
100% TIN ON TAILS
45 - ALL OVER GOLD

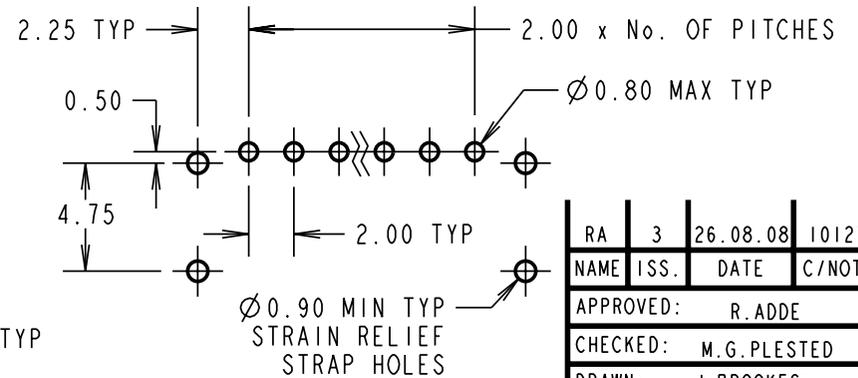
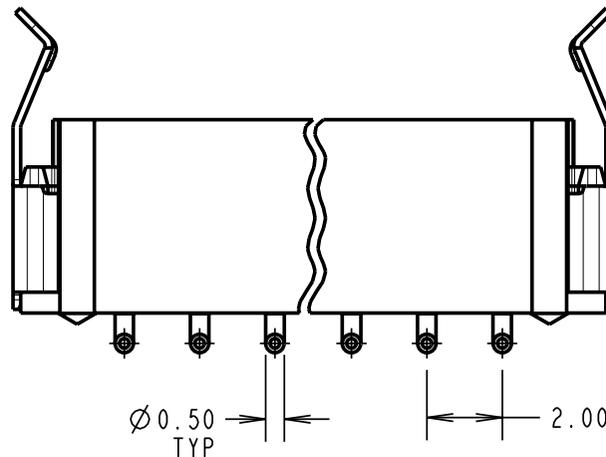
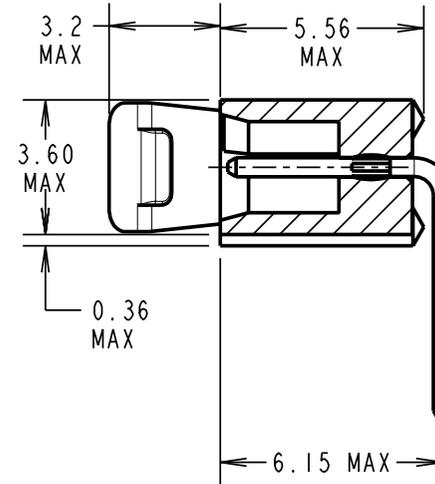
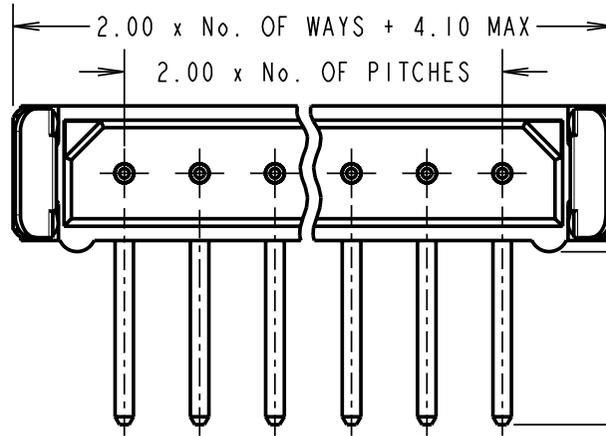
SPECIFICATIONS:

MATERIAL:
MOULDING = GLASS-FILLED POLYAMIDE 46
UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE
LATCHES = BERYLLIUM COPPER

FINISH:
CONTACTS:
22 = 0.75µ GOLD ON CONTACT AREA.
3.0µ TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA.
3.0µ 100% TIN ON TAILS
45 = 0.75µ ALL OVER GOLD
LATCH = 1.25µ NICKEL

ELECTRICAL:
CURRENT RATING (25°C) = 3.0A MAX.
CURRENT RATING (85°C) = 2.2A MAX.
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE:
INITIAL = 20 mΩ MAX.
AFTER CONDITIONING = 25 mΩ MAX.
INSULATION RESISTANCE:
INITIAL = 1000 MΩ MIN.
AFTER CONDITIONING = 100 MΩ MIN.

MECHANICAL:
DURABILITY = 500 OPERATIONS
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C
PACKING: TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



NOTES:
1. 2-OFF STRAIN RELIEF STRAPS
M80-0030006 ARE INCLUDED
WITH THIS CONNECTOR.

RECOMMENDED PCB LAYOUT

RA	3	26.08.08	10127
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:		M.G. PLESTED	
DRAWN:		J BROOKES	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL: SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: DATAMATE SIL HORIZONTAL MALE PC TAIL ASSEMBLY - FRICTION LATCH
DRAWING NUMBER: M80-796XXXX
SHT 2 OF 2

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