

Customer Information Sheet

DRAWING No.: M80-789XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-789XXX

TOTAL No. OF WAYS

04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34, 44

FINISH:

22 - GOLD ON CONTACT AREA
TIN/LEAD ON TAILS
42 - GOLD ON CONTACT AREA
100% TIN ON TAILS
45 - GOLD

SPECIFICATIONS:

MATERIAL:

MOULDING = 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 = 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:

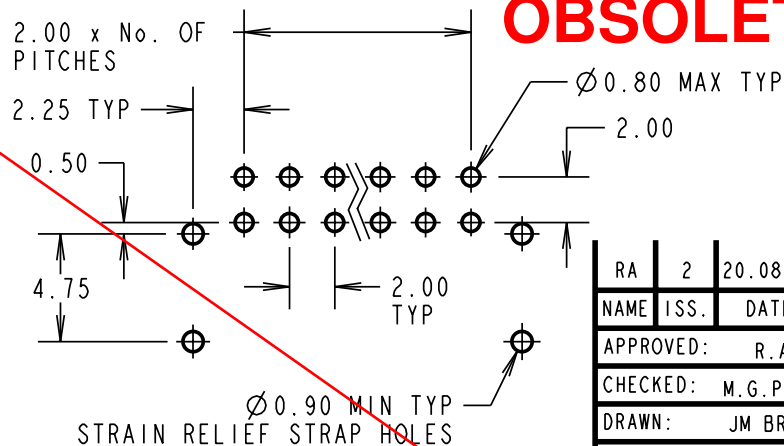
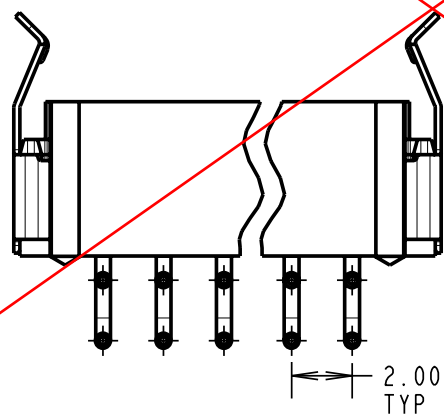
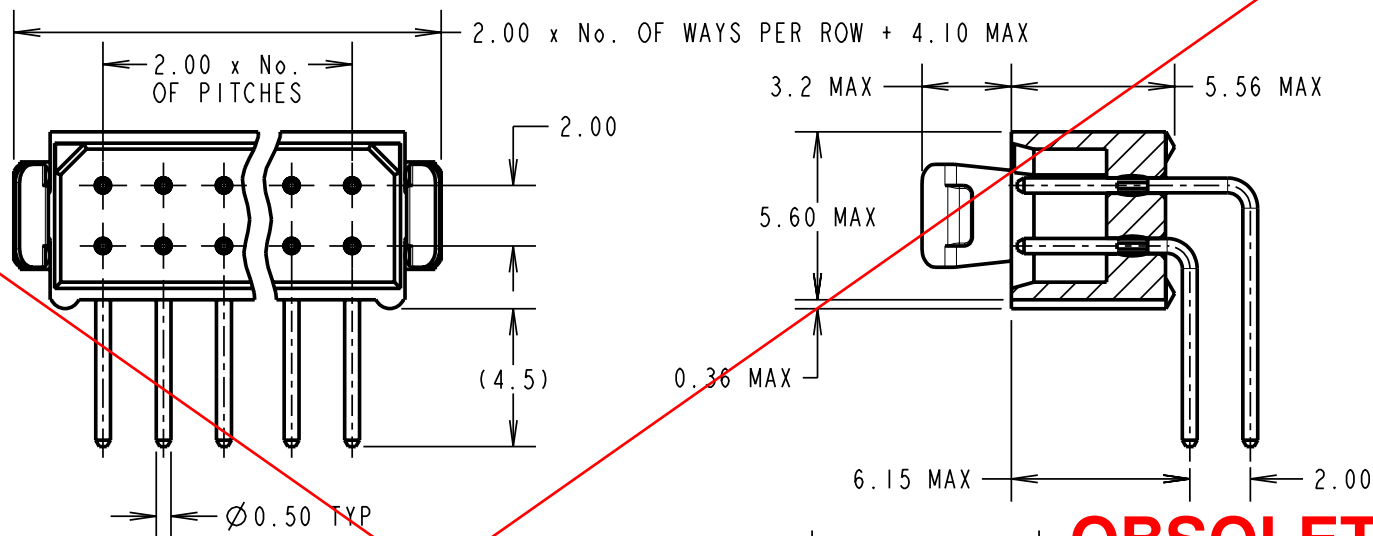
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING: TUBE

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



OBSOLETE

RECOMMENDED PCB LAYOUT

NOTES:

1. 2-OFF STRAIN RELIEF STRAPS
M80-0030006 ARE INCLUDED
WITH EACH CONNECTOR.

RA	2	20.08.08	----
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:		M.G. PLESTED	
DRAWN:		JM 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 DIL
HORIZONTAL MALE PC TAIL
ASSEMBLY - FRICTION LATCHED
DRAWING NUMBER: M80-789XXX

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