

# Customer Information Sheet

DRAWING No.: M80-770XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

**M80-770XXXX**

TOTAL No. OF WAYS

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

FINISH:

01 = TIN/LEAD SHELL, GOLD CLIP  
42 = 100% TIN SHELL, GOLD CLIP  
45 = GOLD SHELL, GOLD CLIP

SPECIFICATIONS:

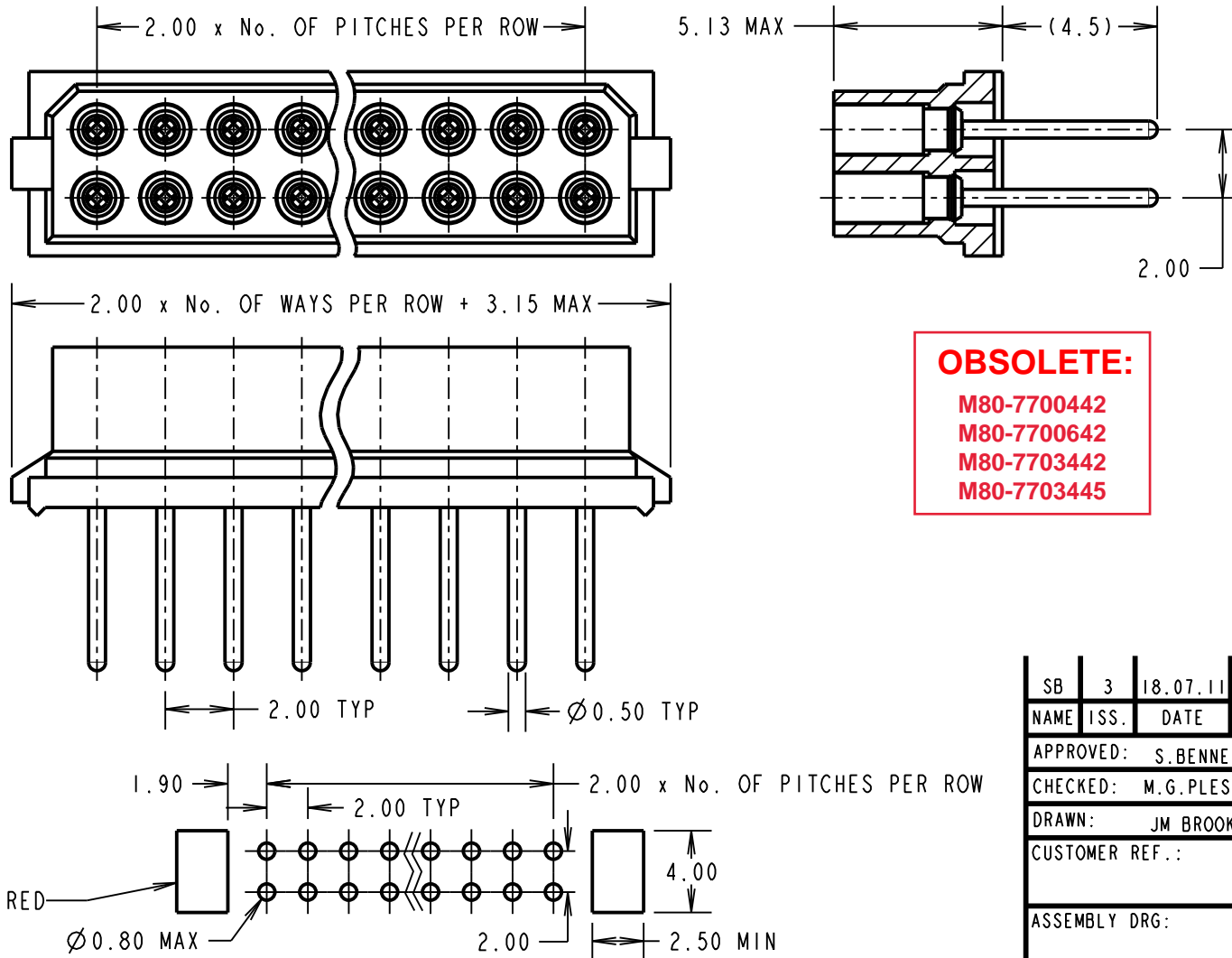
MATERIAL:  
MOULDING = POLYAMIDE 46 UL94V-0, BLACK  
CONTACTS = BERYLLIUM COPPER  
FINISH:  
CONTACTS:  
01 = 0.30µm GOLD CLIP, 4.0µm TIN/LEAD SHELL  
42 = 0.30µm GOLD CLIP, 4.0µm 100% TIN SHELL  
45 = 0.30µm GOLD CLIP, 0.28µm GOLD SHELL

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)

(OPTIONAL) HOLES REQUIRED FOR USE WITH LATCHED MALE CONNECTORS



**OBSOLETE:**

M80-7700442  
M80-7700642  
M80-7703442  
M80-7703445

SB	3	18.07.11	11378
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
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: mm<sup>2</sup>

TITLE: DATAMATE DIL VERTICAL PC TAIL SOCKET ASSEMBLY

DRAWING NUMBER: M80-770XXXX

SHT 2 OF 2