

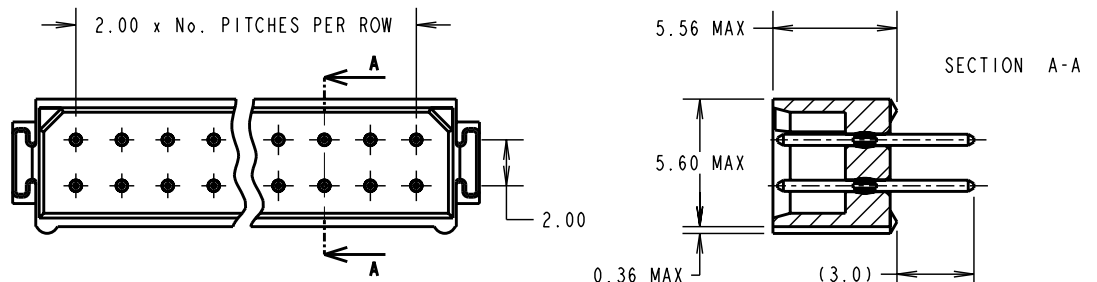
Customer Information Sheet

DRAWING No.: M80-854XXXX SHEET 2 OF 2 IF IN DOUBT - ASK (C) NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

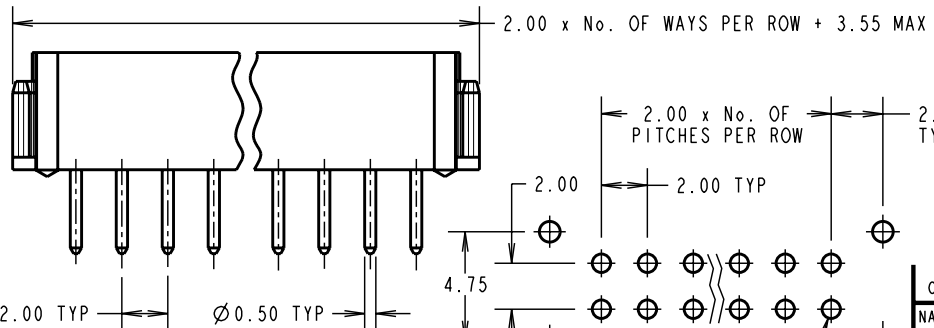
ORDER CODE:
M80-854XXXX

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

FINISH:
 42 = SELECTIVE GOLD + 100% TIN
 45 = GOLD



NOTES:
 1. 2-OFF STRAIN RELIEF STRAPS
 M80-0030006 MAY BE USED
 WITH THIS CONNECTOR



SPECIFICATIONS:

MATERIAL:
 MOULDING = POLYAMIDE 46 UL94V-0, BLACK
 CONTACTS = PHOSPHOR BRONZE
FINISH:
 CONTACTS:
 42 = 0.75µ GOLD ON CONTACT AREA,
 3.0µ 100% TIN ON TAILS
 45 = 0.75µ GOLD

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.
 CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX.
 INSULATION RESISTANCE (INITIAL) = 1000 MΩ MIN.
 INSULATION RESISTANCE (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)

4 x Ø 0.90 MIN TYP
 STRAIN RELIEF STRAP
 HOLES (OPTIONAL)

RECOMMENDED
 PCB LAYOUT

CP	5	30.09.09	10303
NAME	ISS.	DATE	C/NOTE
APPROVED:		C. PENROSE	
CHECKED:		R. ADDE	
DRAWN:		I. SANDY	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
--	--	--

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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
 VERTICAL PC TAIL PLUG
 ASSEMBLY (RoHS)

DRAWING NUMBER:
M80-854XXXX

SHT
 2 OF 2