

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Harwin Inc.](#)
[M80-8762222](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

Customer Information Sheet

DRAWING No.: M80-876XXXX SHEET 2 OF 2 IF IN DOUBT - ASK (C) NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

SPECIFICATIONS:

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

FINISH:
 CONTACTS:
 05 = 0.75µ GOLD
 22 = 0.75µ GOLD ON CONTACT AREA,
 3.0µ 90/10 TIN/LEAD ON TAILS

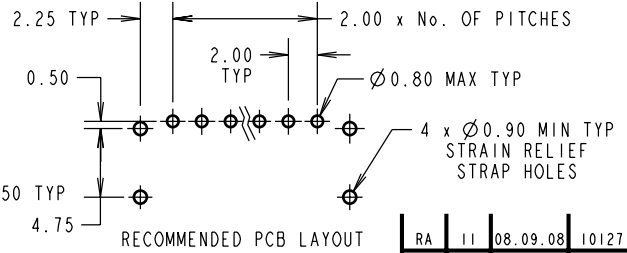
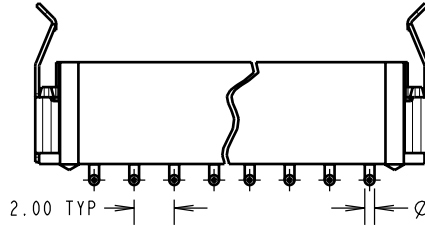
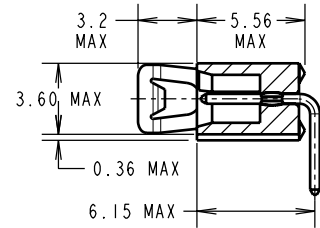
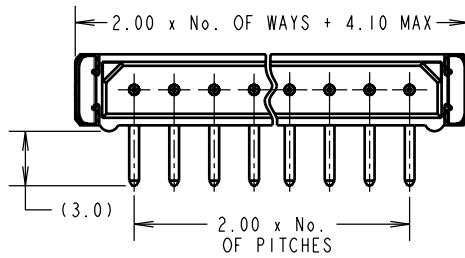
LATCH = 1.25µ NICKEL

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:**
- 2-OFF STRAIN RELIEF STRAPS M80-0030006 ARE INCLUDED WITH THIS CONNECTOR.
 - FOR RoHS COMPLIANT EQUIVALENT PRODUCT USE M80-842XXXX CONNECTORS.

BRITISH STANDARD ORDER CODE:
B5743-1XX-M-L-X

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

FINISH:
 1 = SELECTIVE GOLD
 3 = GOLD

ORDER CODE:
M80-876XXXX

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

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

RA	II	08.09.08	10127
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:		M.G. PLESTED	
DRAWN:		K. SHIER	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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
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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 - LATCHED

DRAWING NUMBER:
M80-876XXXX

SHT 2 OF 2