

Customer Information Sheet

DRAWING No.: M80-887XXX

SHEET 2 OF 2

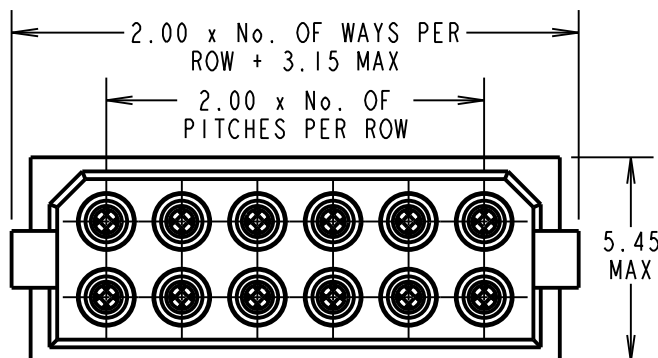
IF IN DOUBT - ASK

(C)

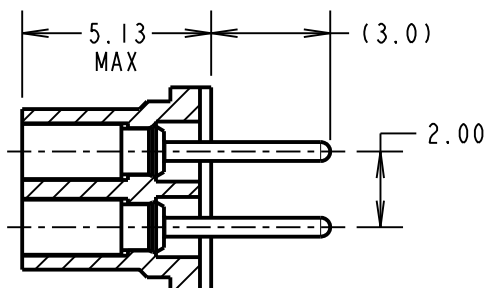
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION X-X



SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED POLYESTER,
UL94V-0, BLACK

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

FINISH:

01 = 0.3µ GOLD CLIP, 3.5-5.0µ TIN/LEAD SHELL

05 = 0.3µ GOLD CLIP, 0.25-0.3µ GOLD SHELL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE = 25 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE (Ø0.5mm GAUGE) = 2.8N MAX

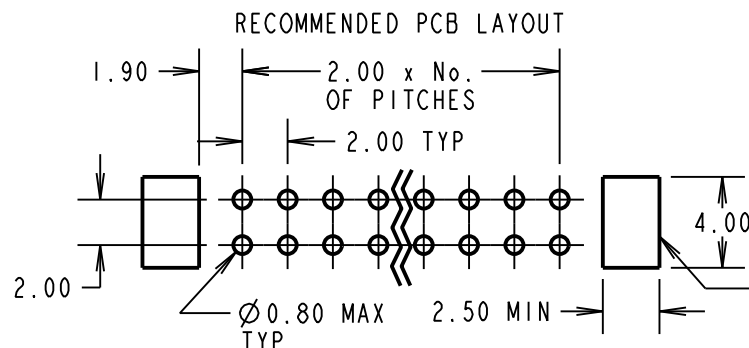
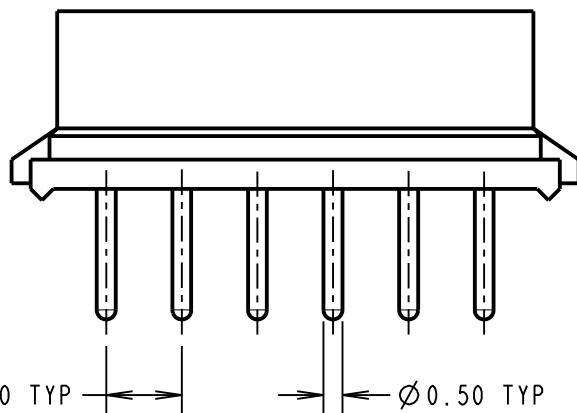
WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN

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

ORDER CODE:

M80-887XXX

TOTAL No. OF WAYS:

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

FINISH

01 = GOLD CLIP, TIN/LEAD SHELL
05 = GOLD CLIP, GOLD SHELL

BRITISH STANDARD

ORDER CODE:

B5741-2XX-F-T-X

TOTAL No. OF WAYS:

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

FINISH:

0 = GOLD CLIP, TIN/LEAD SHELL
2 = GOLD CLIP, GOLD SHELL

SB	15	05.03.12	11672
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: JM BROOKES			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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:

mm²TITLE: DATAMATE 2mm PITCH
DIL VERTICAL PC TAIL
SOCKET ASSEMBLY

DRAWING NUMBER:

M80-887XXXSHT
2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M80-8870605](#) [M80-8871005](#) [M80-8871205](#) [M80-8870805](#) [M80-8870405](#) [M80-8873401](#) [M80-8872601](#) [M80-8872001](#) [M80-8874401](#) [M80-8874405](#) [B5741-218-F-T-2](#) [B5741-218-F-T-0](#) [B5741-208-F-T-2](#) [B5741-208-F-T-0](#) [B5741-234-F-T-0](#) [B5741-234-F-T-2](#) [B5741-210-F-T-0](#) [B5741-214-F-T-0](#) [B5741-212-F-T-0](#) [B5741-216-F-T-0](#) [B5741-210-F-T-2](#) [B5741-214-F-T-2](#) [B5741-212-F-T-2](#) [B5741-216-F-T-2](#) [B5741-226-F-T-2](#) [B5741-220-F-T-2](#) [B5741-220-F-T-0](#) [B5741-226-F-T-0](#) [B5741-206-F-T-0](#) [B5741-204-F-T-0](#) [B5741-206-F-T-2](#) [B5741-204-F-T-2](#) [M80-8873405](#) [M80-8872605](#) [M80-8872005](#) [M80-8870601](#) [M80-8871801](#) [M80-8871805](#) [M80-8871001](#) [M80-8871401](#) [M80-8871405](#) [M80-8871201](#) [M80-8870801](#) [M80-8871601](#) [M80-8871605](#) [M80-8870401](#)