

Customer Information Sheet

DRAWING No.: M80-412XXXXP

SHEET 2 OF 2

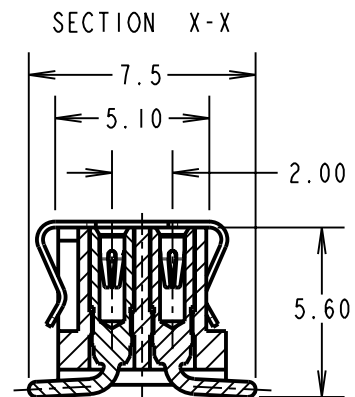
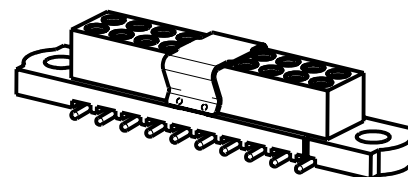
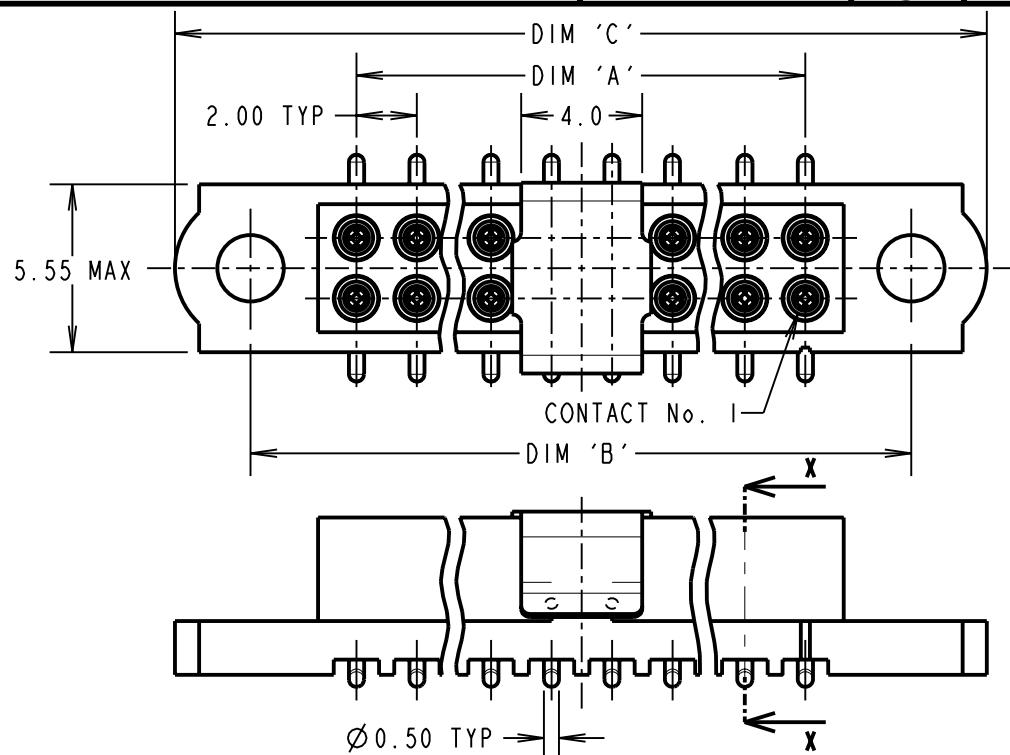
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

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

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

PICK & PLACE CAP = PHOSPHOR BRONZE

FINISH:

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

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

42 = 0.3μ GOLD CLIP, 3.5-5.0μ 100% TIN SHELL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE = 25 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE (∅0.5mm GAUGE) = 2.8N MAX

WITHDRAWAL FORCE (∅0.5mm GAUGE) = 0.2N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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

PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'	DIM 'C'
M80-41206XXP	6	4.00	11.00	16.00
M80-41210XXP	10	8.00	15.00	20.00
M80-41214XXP	14	12.00	19.00	24.00
M80-41220XXP	20	18.00	25.00	30.00
M80-41226XXP	26	24.00	31.00	36.00
M80-41234XXP	34	32.00	39.00	44.00
M80-41242XXP	42	40.00	47.00	52.00
M80-41250XXP	50	48.00	55.00	60.00

ORDER
CODE:**M80-412XXXXP**

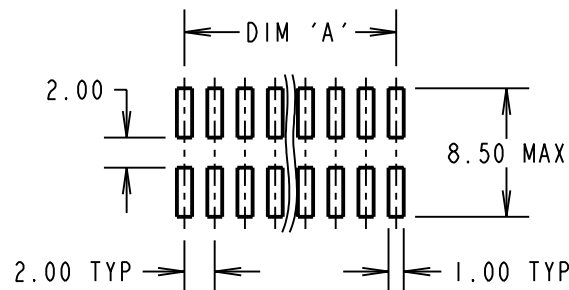
TOTAL No. OF CONTACTS

06, 10, 14, 20,
26, 34, 42, 50

FINISH

01 - GOLD CLIP, TIN/LEAD SHELL
05 - GOLD CLIP, GOLD SHELL
42 - GOLD CLIP, 100% TIN SHELL

RECOMMENDED PCB LAYOUT



CP	2	14.05.10	8839
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: B. M. KENT			
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
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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: JACKSCREW DATAMATE
DIL VERTICAL SMT FEMALE
P/PLACE (NO J/S)

DRAWING NUMBER:

M80-412XXXXPSHT
2
OF
2