

Customer Information Sheet

DRAWING No.: M80-422XXXX

SHEET 2 OF 2

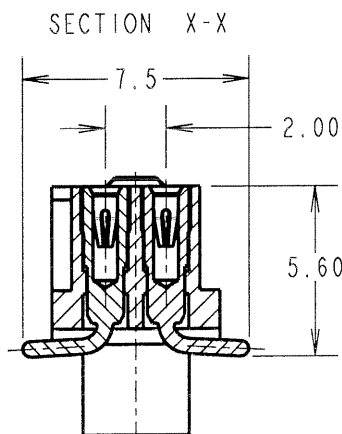
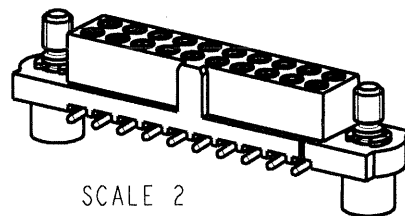
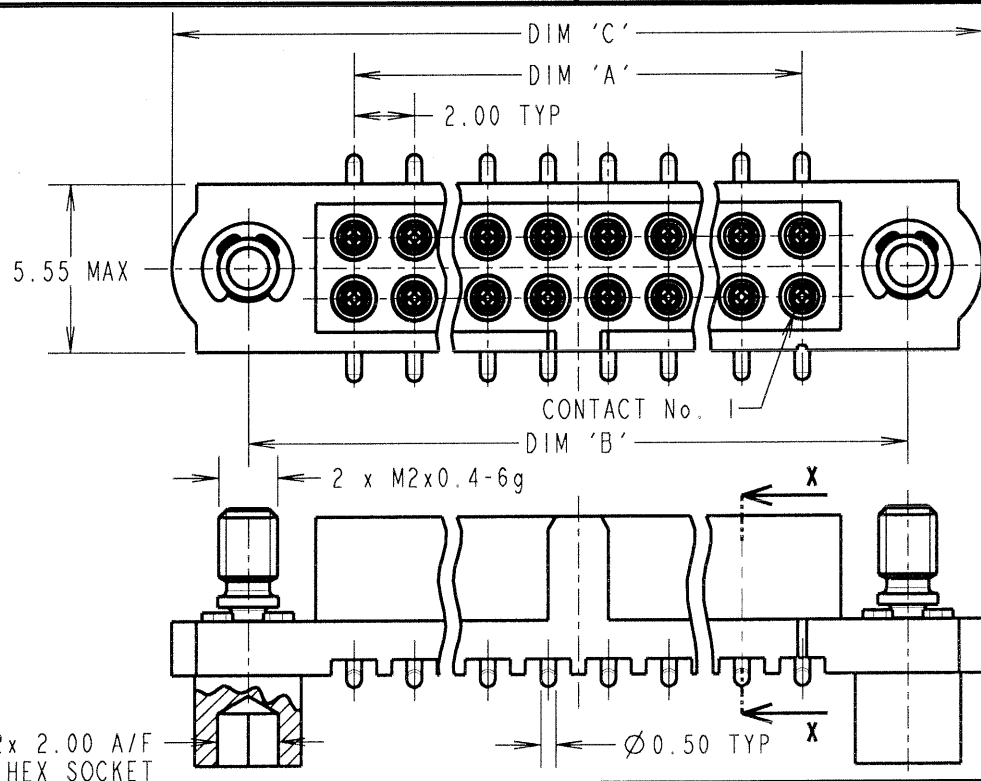
IF IN DOUBT - ASK

(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
JACKSCREW, CIRCLIP = STAINLESS STEEL

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 (Ø0.5mm GAUGE) = 2.8N MAX
WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN

ENVIRONMENTAL:

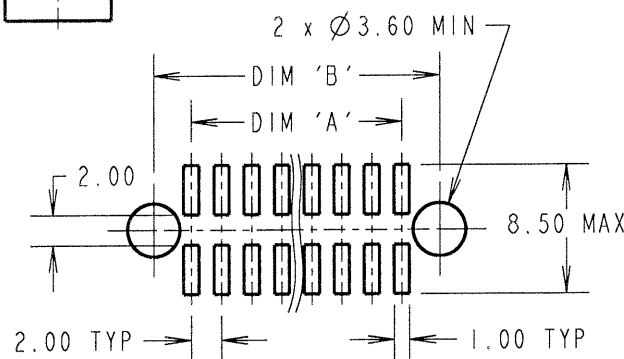
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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

RECOMMENDED PCB LAYOUT



PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'	DIM 'C'
M80-42206XX	6	4.00	11.00	16.00
M80-42210XX	10	8.00	15.00	20.00
M80-42214XX	14	12.00	19.00	24.00
M80-42220XX	20	18.00	25.00	30.00
M80-42226XX	26	24.00	31.00	36.00
M80-42234XX	34	32.00	39.00	44.00
M80-42242XX	42	40.00	47.00	52.00
M80-42250XX	50	48.00	55.00	60.00

ORDER CODE:

M80-422XXXX

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

JMB	A	22.01.07	----
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
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:

mm²

TITLE: JACKSCREW DATAMATE
DIL VERTICAL SMT
FEMALE ASSEMBLY

DRAWING NUMBER:

M80-422XXXX

SHT
2 OF 2

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