

Customer Information Sheet

DRAWING No.: M80-410XXXX

SHEET 2 OF 2

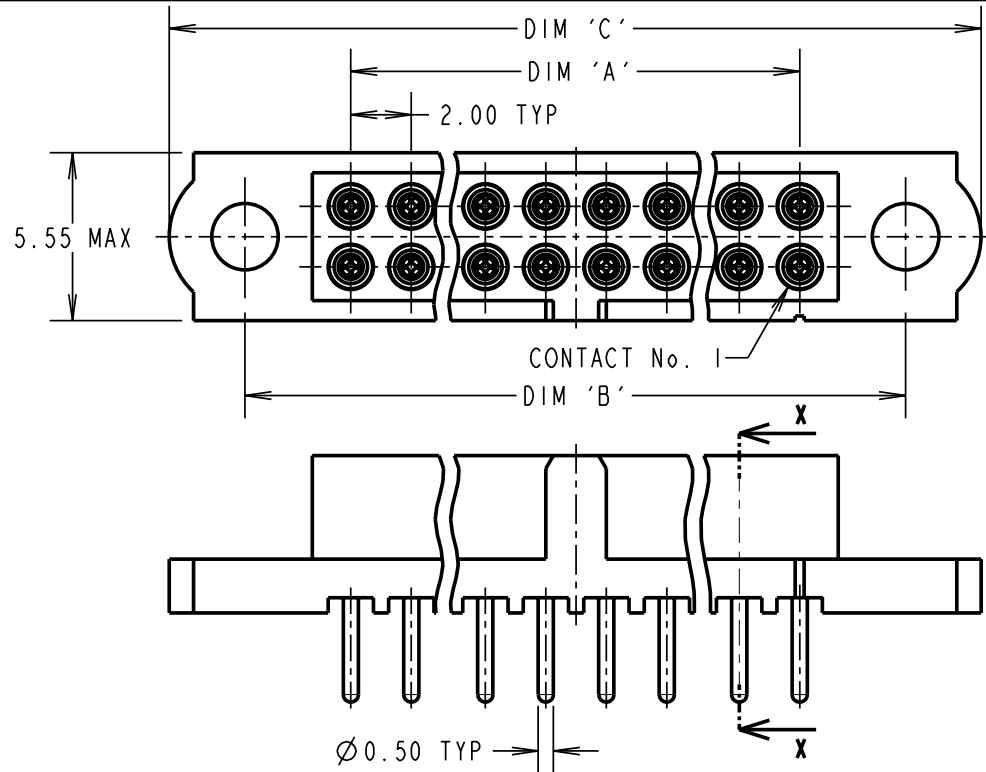
IF IN DOUBT - ASK

(C)

NOT TO SCALE

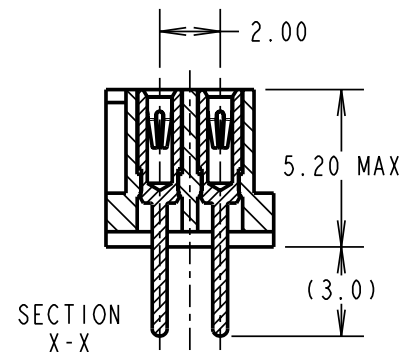
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



NOTES:

1. RECOMMENDED PCB HOLE
SIZE = $\varnothing 0.65\text{mm}$ MIN.



SPECIFICATIONS:

MATERIAL:

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

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

FINISH:

01 = 0.3μ GOLD CLIP, $3.5\text{-}5.0\mu$ TIN/LEAD SHELL05 = 0.3μ GOLD CLIP, $0.25\text{-}0.3\mu$ GOLD SHELL42 = 0.3μ GOLD CLIP, $3.5\text{-}5.0\mu$ 100% TIN SHELL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAXCURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE = $25\text{ m}\Omega$ MAXINSULATION RESISTANCE = $100\text{ M}\Omega$ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE ($\varnothing 0.5\text{mm}$ GAUGE) = 2.8N MAXWITHDRAWAL FORCE ($\varnothing 0.5\text{mm}$ GAUGE) = 0.2N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO $+125^\circ\text{C}$

PACKING:

TUBE

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

DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10
EXAMPLE: CONNECTOR WITH 20 CONTACTS, ALL OVER GOLD M80-4102005	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

ORDER CODE:

M80-410XXXX

TOTAL No. OF CONTACTS —
04 TO 50
(EVEN NUMBERS ONLY)

FINISH —

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

RA	F	04.12.08	10230
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:		M. G. PLESTED	
DRAWN:		W. J. BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

X. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

JACKSCREW DATAMATE
DIL VERTICAL PC TAIL
FEMALE ASSEMBLY (NO J/S)

DRAWING NUMBER:

M80-410XXXX

SHT
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