

Customer Information Sheet

DRAWING No.: M80-510XXXX

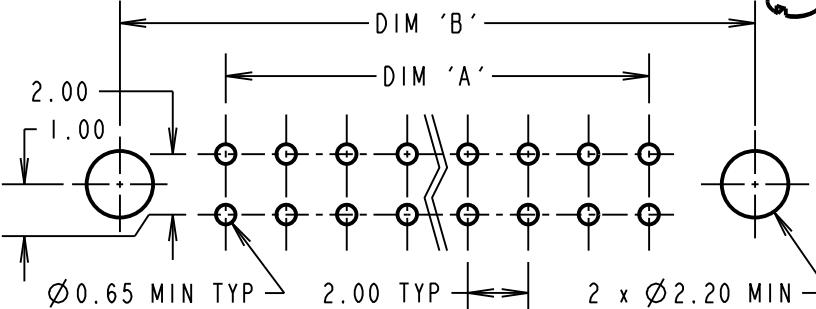
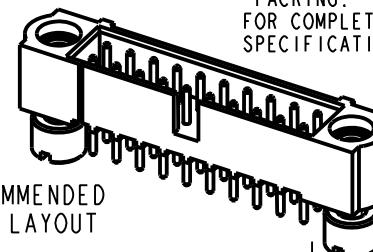
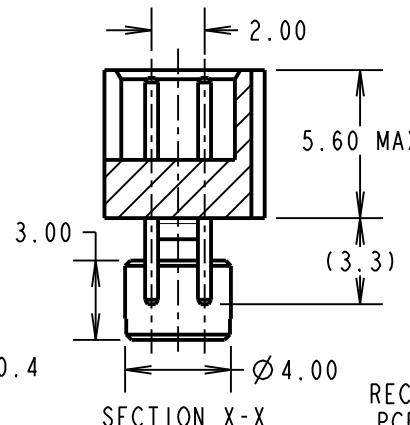
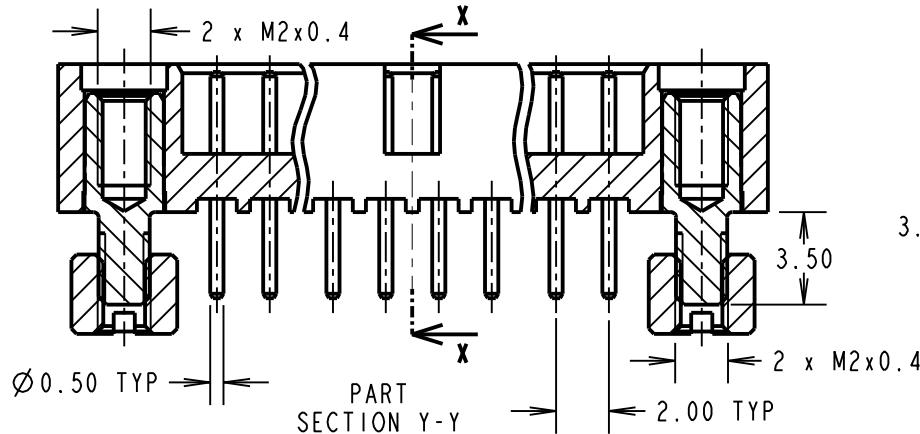
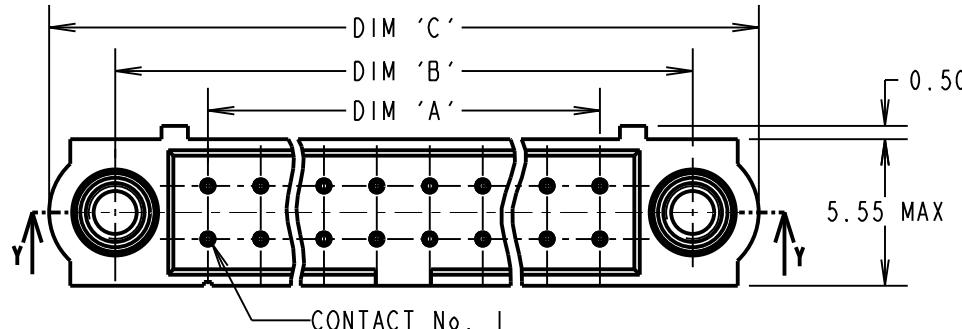
SHEET 2 OF 2 IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:
MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
JACKSCREW = STAINLESS STEEL
FINISH (CONTACTS):
22 = 0.75 μ GOLD ON CONTACT AREA,
3 μ 90/10 TIN/LEAD ON TAILS
42 = 0.75 μ GOLD ON CONTACT AREA,
3 μ 100% TIN OVER NICKEL ON TAILS
05 = 0.75 μ GOLD ALL OVER

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 m Ω MAX
INSULATION RESISTANCE = 100 M Ω MIN

MECHANICAL:
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C

PACKING: TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

MGP	2	28.03.13	11987
NAME	ISS.	DATE	C/NODE
APPROVED:	MGP		
CHECKED:	SB		
DRAWN:	W. J. BOURNE		
CUSTOMER REF.:			
ASSEMBLY DRG.:			

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, GOLD ON CONTACT AREA AND 100% TIN OVER NICKEL ON TAIL, M80-5102042	
DIM 'A' = 18.00mm	DIM 'B' = 25.00mm
DIM 'C' = 30.00mm	

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TOLERANCES
X. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:
SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: DATAMATE J-TEK DIL VERT 3.0mm PC TAIL MALE ASSY WITH BOARD MOUNT
DRAWING NUMBER: M80-510XXXX
SHT 2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

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