

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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# Customer Information Sheet

DRAWING NO.: M80-5T10605MI-02-331-00-000

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  
SIGNAL CONTACT: PHOSPHOR BRONZE  
POWER CONTACT: COPPER ALLOY  
JACKSCREW: STAINLESS STEEL

**FINISH:**  
SIGNAL CONTACT:  
0.75 $\mu$  GOLD  
POWER CONTACT: GOLD

**ELECTRICAL:**  
WORKING VOLTAGE = 800V AC/DC  
VOLTAGE PROOF = 1200V AC/DC  
INSULATION RESISTANCE = 100M $\Omega$  MIN

**SIGNAL CONTACT:**  
CURRENT RATING AT 25°C = 3.0A MAX  
CURRENT RATING AT 85°C = 2.2A MAX  
CONTACT RESISTANCE = 25 m $\Omega$  MAX

**POWER CONTACT:**  
CONTACT RESISTANCE 6 m $\Omega$  MAX  
CURRENT RATING = 20A MAX

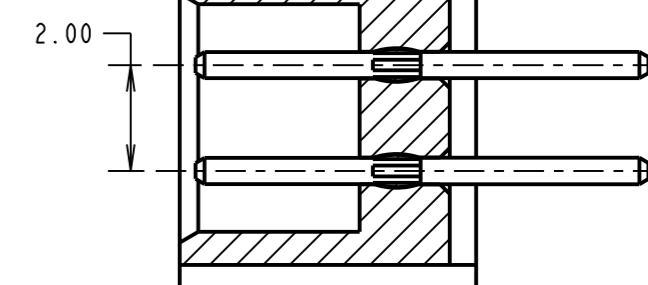
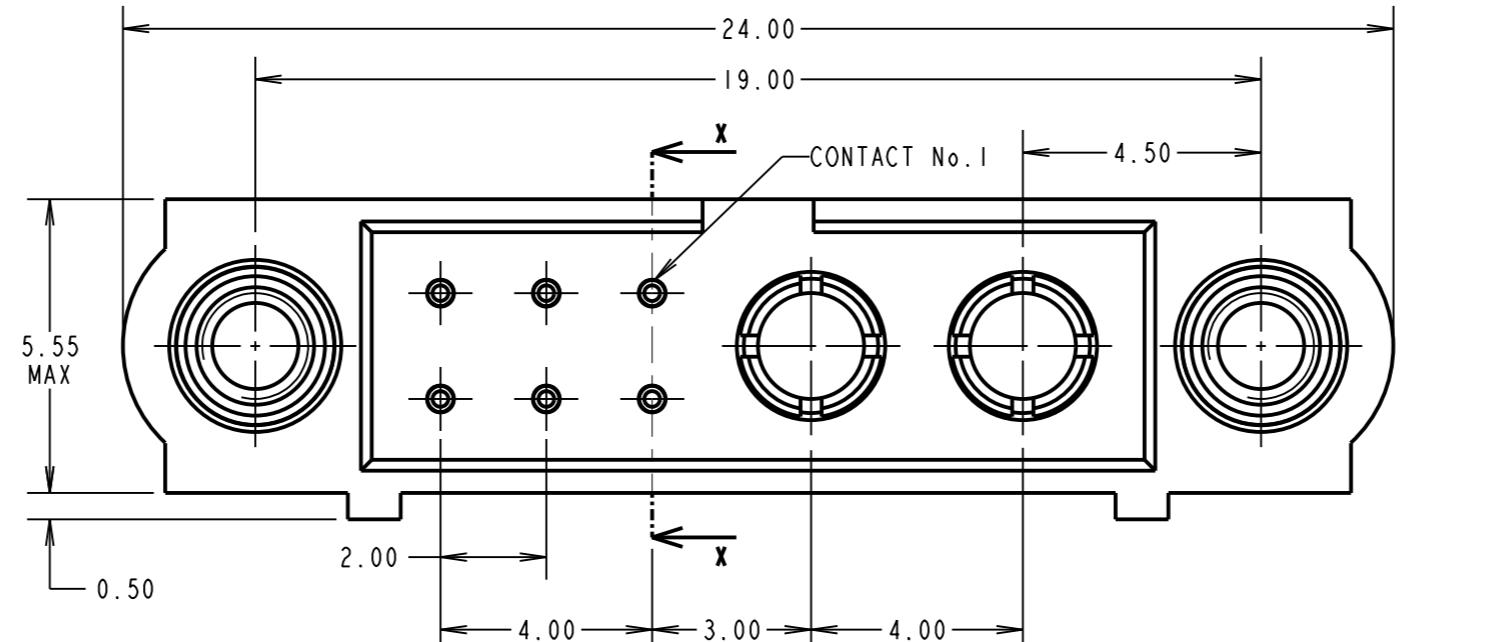
**MECHANICAL:**  
DURABILITY = 500 OPERATIONS

**SIGNAL CONTACT:**  
INSERTION FORCE = 2.8N MAX  
WITHDRAWAL FORCE = 0.2N MIN

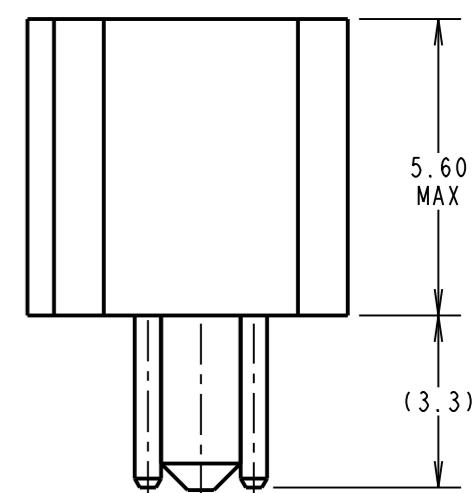
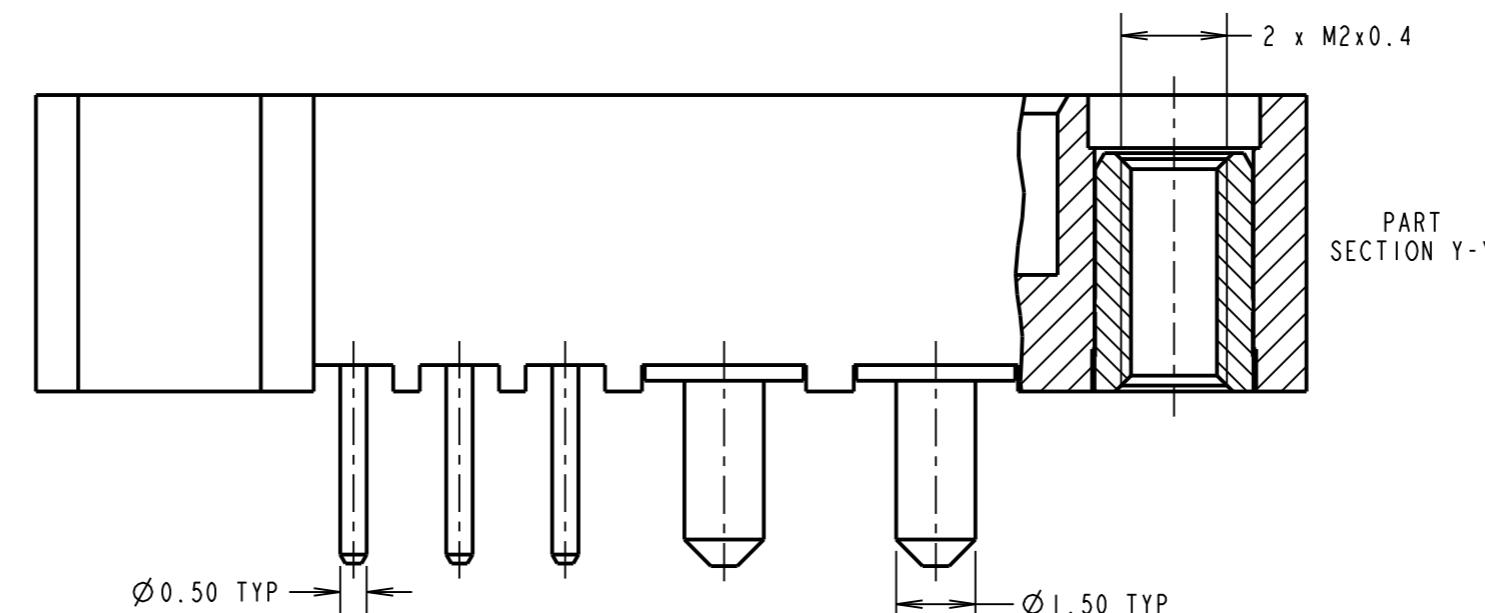
**POWER CONTACT:**  
INSERTION FORCE = 8N MAX  
WITHDRAWAL FORCE = 0.5N MIN

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

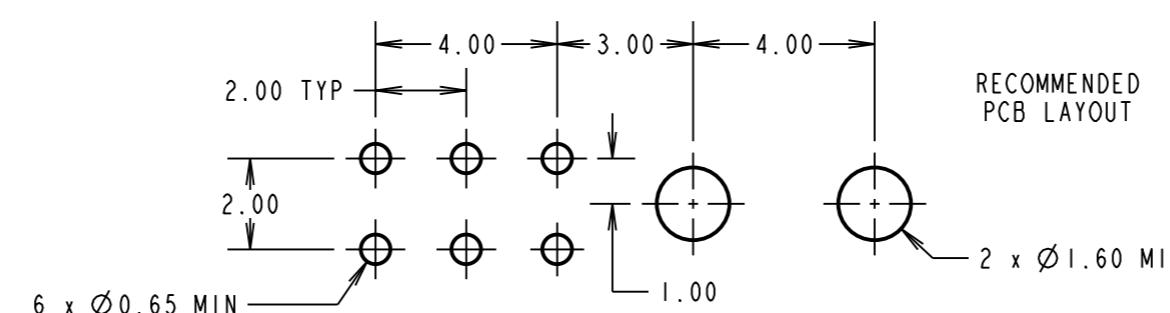
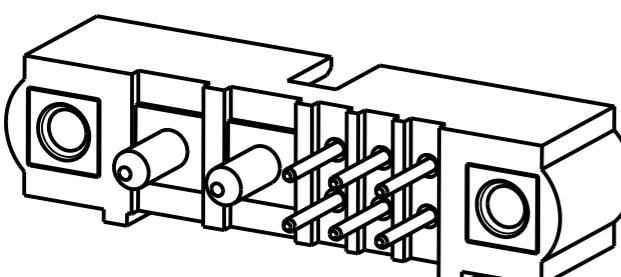
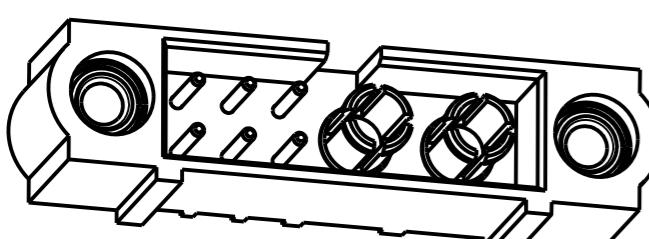
**PACKING:**  
TUBE  
FOR COMPLETE SPECIFICATION SEE COMPONENT  
SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X



MGP	2	21.01.13	11898
NAME	ISS.	DATE	C/NOTE
APPROVED:	MGP		
CHECKED:	SB		
DRAWN:	R.ADDE		
CUSTOMER REF.:			
ASSEMBLY DRG:			



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OR USED FOR MANUFACTURING,  
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TOLERANCES  
X. =  $\pm 1$ mm  
X.X =  $\pm 0.25$ mm  
X.XX =  $\pm 0.10$ mm  
X.XXX =  $\pm 0.01$ mm  
ANGLES =  $\pm 5^\circ$   
UNLESS STATED

MATERIAL:  
SEE ABOVE  
FINISH: SEE ABOVE  
S/AREA: mm<sup>2</sup>

TITLE: DATAMATE MIX-TEK  
MALE ASSEMBLY  
WITH JACKSCREW  
DRAWING NUMBER:  
M80-5T10605MI-02-331-00-000  
SHT 2 OF 2