



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-PM5

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIALS:

BODY = COPPER ALLOY

LATCHING COLLAR = BERYLLIUM COPPER

FINISH:

BODY = 0.76 μ MIN GOLD OVER NICKEL

LATCHING COLLAR = NICKEL

ELECTRICAL:

CONTACT RESISTANCE = 6m Ω MAX

CURRENT RATING = 40A (CABLE DEPENDENT)

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 15N MAX

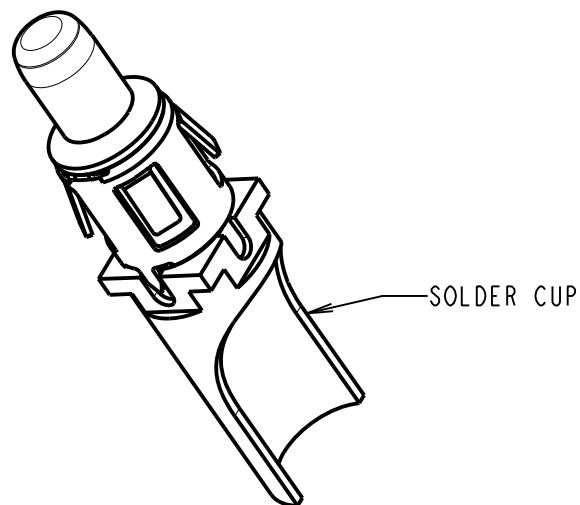
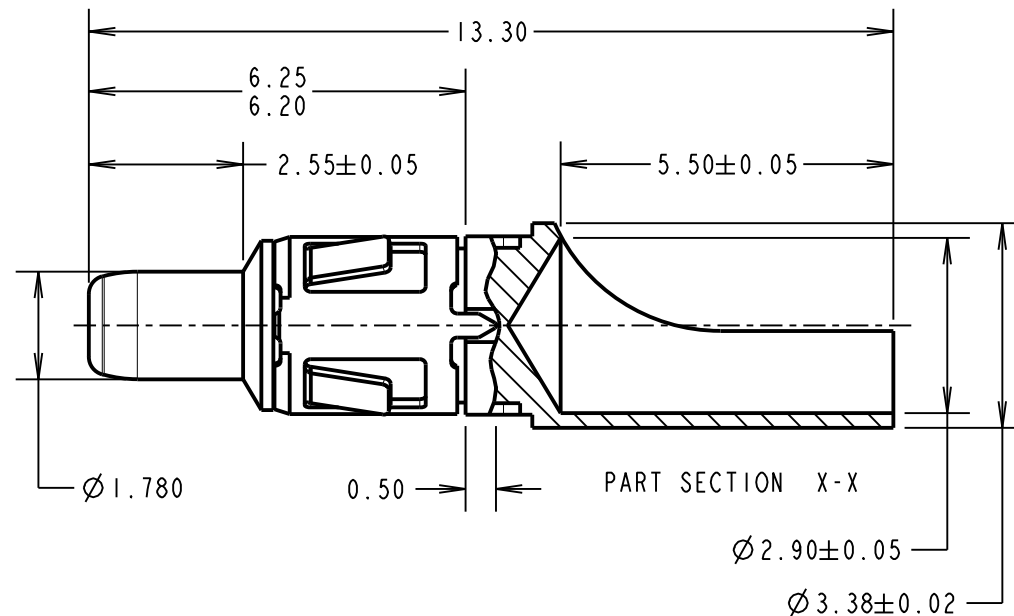
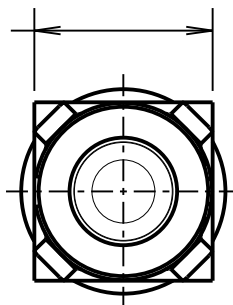
WITHDRAWAL FORCE = 0.5N MIN

CONTACT REPLACEMENT IN INSULATOR = 5 TIMES

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +150°C

2.95 \pm 0.05
SQUARE



NOTES:

1. STRIP WIRE BY 5.0mm.
2. CONTACT EXTRACTION TOOL = Z80-290.
3. FOR ALL OTHER ELECTRICAL/MECHANICAL REQUIREMENTS, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).
4. MAX WIRE CONDUCTOR SIZE = Ø2.9mm / 10 AWG (37/0.26).
MAX WIRE INSULATION DIAMETER 3.8mm.

MGP	I	21.03.14	12429
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SF			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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DISCLOSED, LOANED, COPIED
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TOLERANCES

X. = \pm 1mm
X.X = \pm 0.25mm
X.XX = \pm 0.10mm
X.XXX = \pm 0.01mm
ANGLES = \pm 5°
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE MIX-TEK
HIGH POWER CONTACT
MALE STRAIGHT SOLDER

DRAWING NUMBER:

M80-PM5

SHT
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