



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Customer Information Sheet

DRAWING No.: M80-791XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-791XXXX

TOTAL No. OF CONTACTS:

04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34, 44

FINISH:

22 - GOLD ON CONTACT AREA
TIN/LEAD ON TAILS
42 - GOLD ON CONTACT AREA
100% TIN ON TAILS
45 - GOLD

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE

FINISH:

CONTACTS:

22 = 0.75 μ GOLD ON CONTACT AREA,
3.0 μ TIN/LEAD ON TAILS
42 = 0.75 μ GOLD ON CONTACT AREA,
3.0 μ 100% TIN ON TAILS
45 = 0.75 μ GOLD

ELECTRICAL:

CURRENT RATING (25°C) = 3.3A MAX.
CURRENT RATING (85°C) = 2.6A MAX.
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC
CONTACT RESISTANCE (INITIAL) = 20m Ω MAX.
CONTACT RESISTANCE (AFTER CONDITIONING) = 25m Ω MAX.
INSULATION RESISTANCE (INITIAL) = 1000M Ω MIN.
INSULATION RESISTANCE (AFTER CONDITIONING) = 100M Ω MIN.

MECHANICAL:

DURABILITY = 500 OPERATIONS

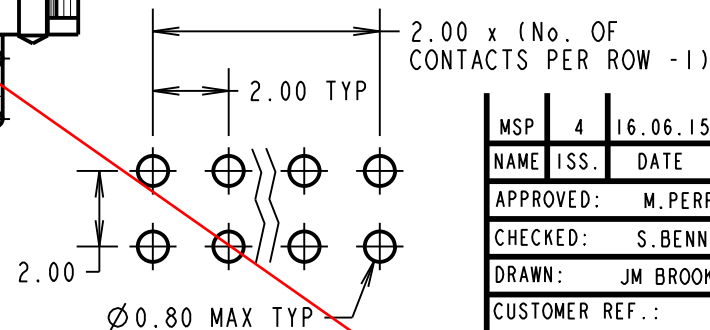
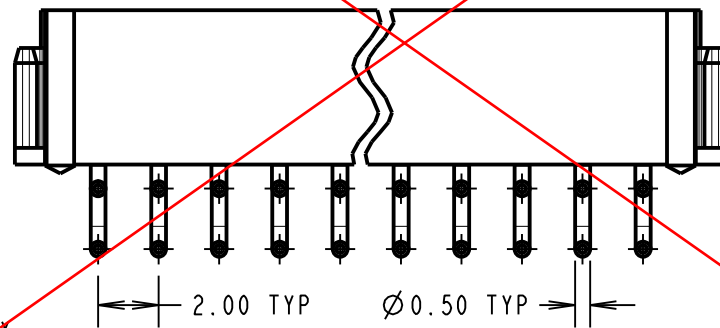
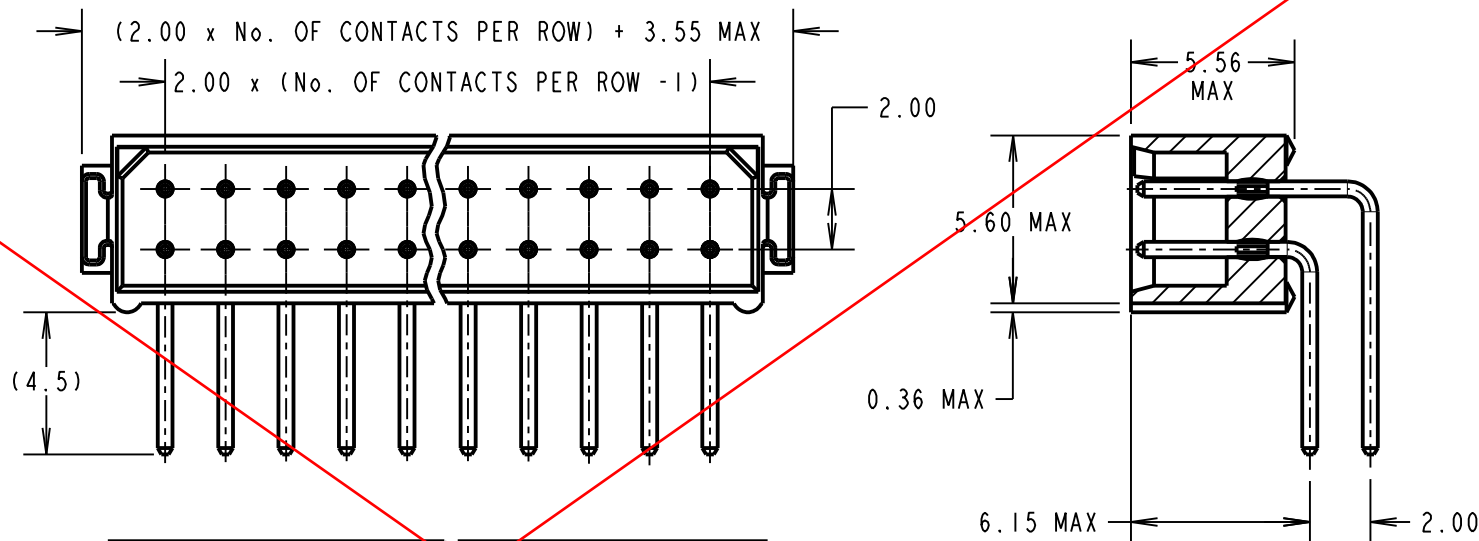
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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



OBSOLETE

NOTES:

1. 2-OFF STRAIN RELIEF STRAPS
M80-0030006 ARE INCLUDED
WITH EACH CONNECTOR.

MSP	4	16.06.15	12965
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		JM BROOKES	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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MATTER SET OUT HEREON ARE
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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

TOLERANCES

X. = ± 1 mm
X.X = ± 0.50 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 DIL
HORIZONTAL MALE PC TAIL
ASSEMBLY - UNLATCHED

DRAWING NUMBER:

M80-791XXXX

SHT
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