



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.: M80-691XX98

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION

MATERIAL

HOUSING = GLASS-FILLED POLYAMIDE 46,
UL94V-0, BLACK

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 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL

DURABILITY = 400 OPERATIONS

INSERTION FORCE (∅0.5mm GAUGE) = 2.8N MAX

WITHDRAWAL FORCE (∅0.5mm GAUGE) = 0.2N MIN

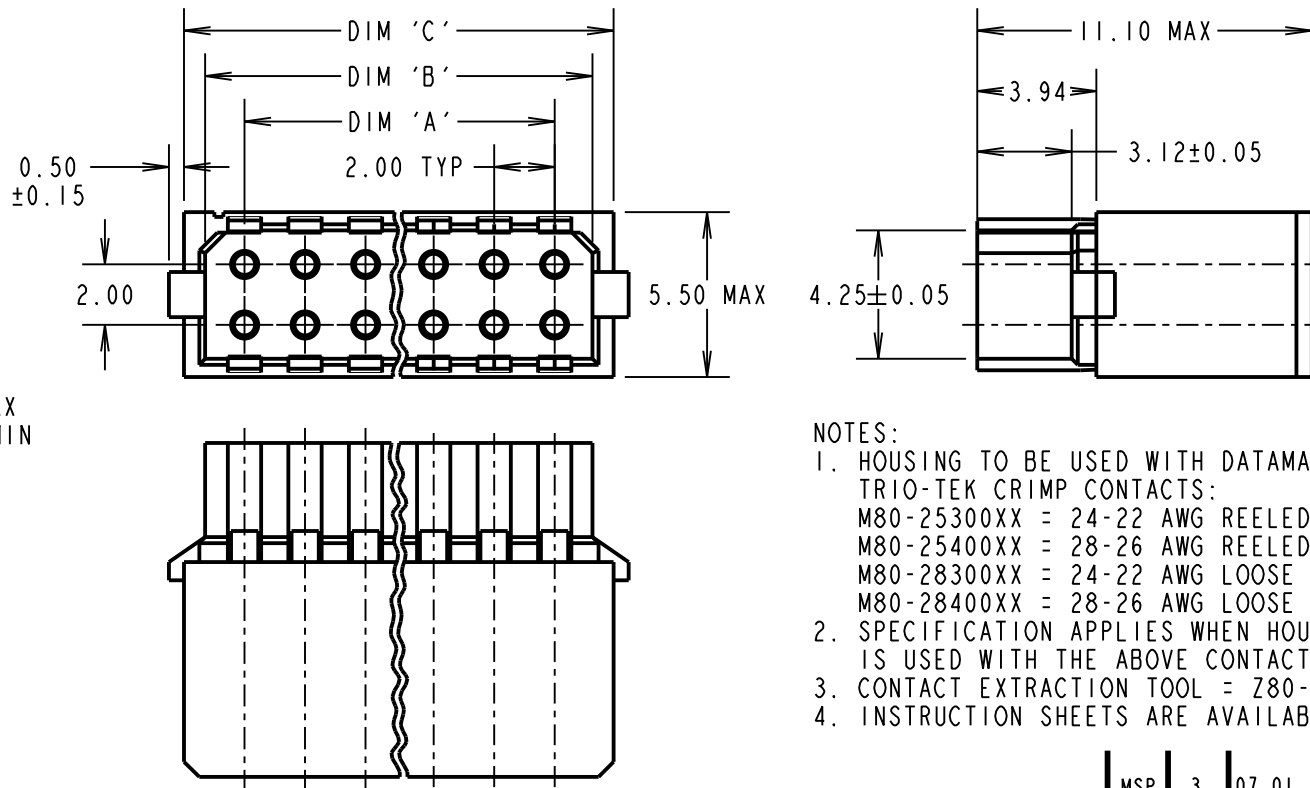
ENVIRONMENTAL

TEMPERATURE RANGE = -55°C TO +125°C

PACKING

BAG

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C040XX (LATEST ISSUE)



NOTES:

- HOUSING TO BE USED WITH DATAMATE TRIO-TEK CRIMP CONTACTS:
M80-25300XX = 24-22 AWG REELED
M80-25400XX = 28-26 AWG REELED
M80-28300XX = 24-22 AWG LOOSE
M80-28400XX = 28-26 AWG LOOSE
- SPECIFICATION APPLIES WHEN HOUSING IS USED WITH THE ABOVE CONTACTS.
- CONTACT EXTRACTION TOOL = Z80-258.
- INSTRUCTION SHEETS ARE AVAILABLE.

MSP	3	07.01.16	13139
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		S.FLOWER	
CUSTOMER REF.:			
ASSEMBLY DRG:			

ORDER CODE:

M80-691XX98

TOTAL No. OF
CONTACT POSITIONS

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

DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACT POSITIONS - 2.0
DIM 'B'	TOTAL No. OF CONTACT POSITIONS + 0.6
DIM 'C'	TOTAL No. OF CONTACT POSITIONS + 2.0
EXAMPLE: CONNECTOR WITH 07 CONTACT POSITIONS, M80-6901498	
DIM 'A' = 12.0mm, DIM 'B' = 14.6mm, DIM 'C' = 16.0mm	

HARWIN

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TOLERANCES

X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

S/AREA:

mm²

TITLE: DATAMATE TRIO-TEK
DIL L-TEK FEMALE CRIMP HOUSING
4-WAY TO 44-WAY

DRAWING NUMBER:

M80-691XX98

SHT
2 OF 2