

Customer Information Sheet

DRAWING No.: M80-691XX98

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

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 = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE = 25 mΩ MAX
INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL

DURABILITY = 400 OPERATIONS
INSERTION FORCE (Ø0.5mm GAUGE) = 2.8N MAX
WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN

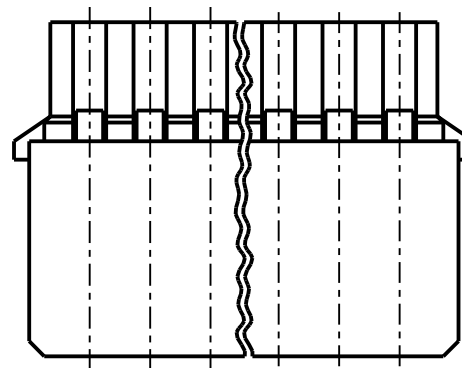
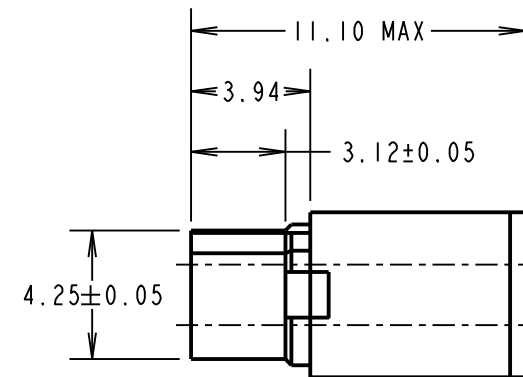
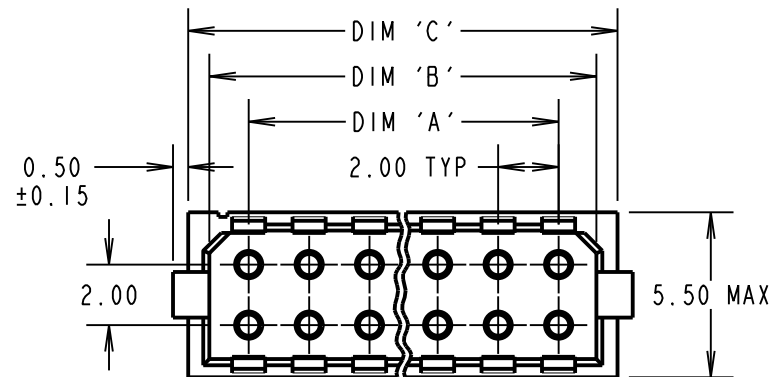
ENVIRONMENTAL

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.

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	

ORDER CODE:

M80-691XX98TOTAL No. OF
CONTACT POSITIONS

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

SF	2	04.01.11	11071
NAME	ISS.	DATE	C/NOTE
APPROVED:		SF	
CHECKED:		RA	
DRAWN:		S.FLOWER	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
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TOLERANCES

X. = ±1mm
X.X = ±0.25mm
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

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