

Customer Information Sheet

DRAWING No.: M80-690XX98

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 = 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

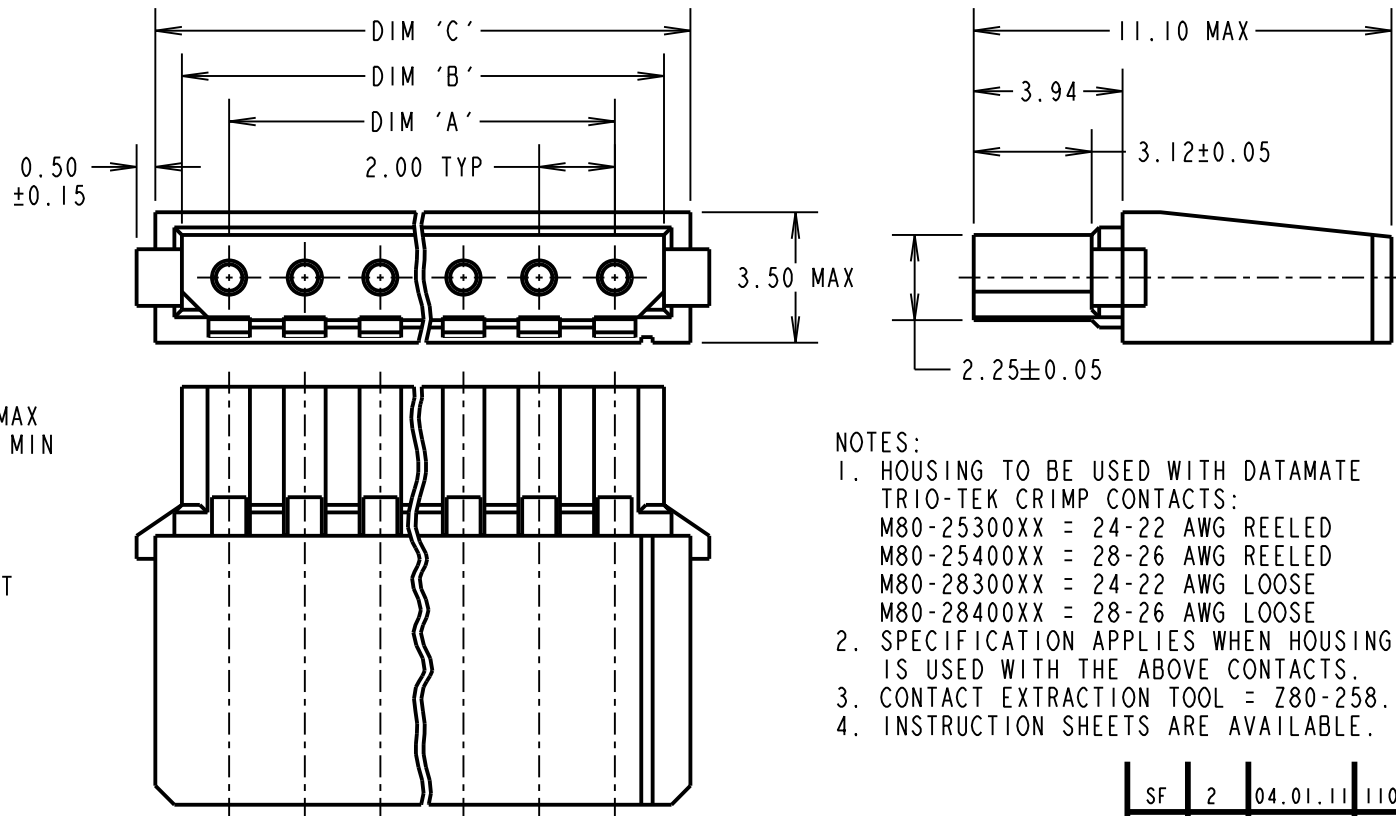
ENVIRONMENTAL

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'	2 x TOTAL No. OF CONTACT POSITIONS - 2.0
DIM 'B'	2 x TOTAL No. OF CONTACT POSITIONS + 0.6
DIM 'C'	2 x TOTAL No. OF CONTACT POSITIONS + 2.0
EXAMPLE: CONNECTOR WITH 07 CONTACT POSITIONS, M80-6900798	
DIM 'A' = 12.0mm, DIM 'B' = 14.6mm, DIM 'C' = 16.0mm	

ORDER CODE:

M80-690XX98

TOTAL No. OF
CONTACT POSITIONS _____
02, 03, 04, 05, 06, 07, 17

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

THIS DRAWING AND ANY
INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
CONFIDENTIAL AND COPYRIGHT
PROPERTY OF THE HARWIN
GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

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
SIL L-TEK FEMALE CRIMP HOUSING
2-WAY TO 17-WAY

DRAWING NUMBER:

M80-690XX98

SHT
2 OF 2