

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 = 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

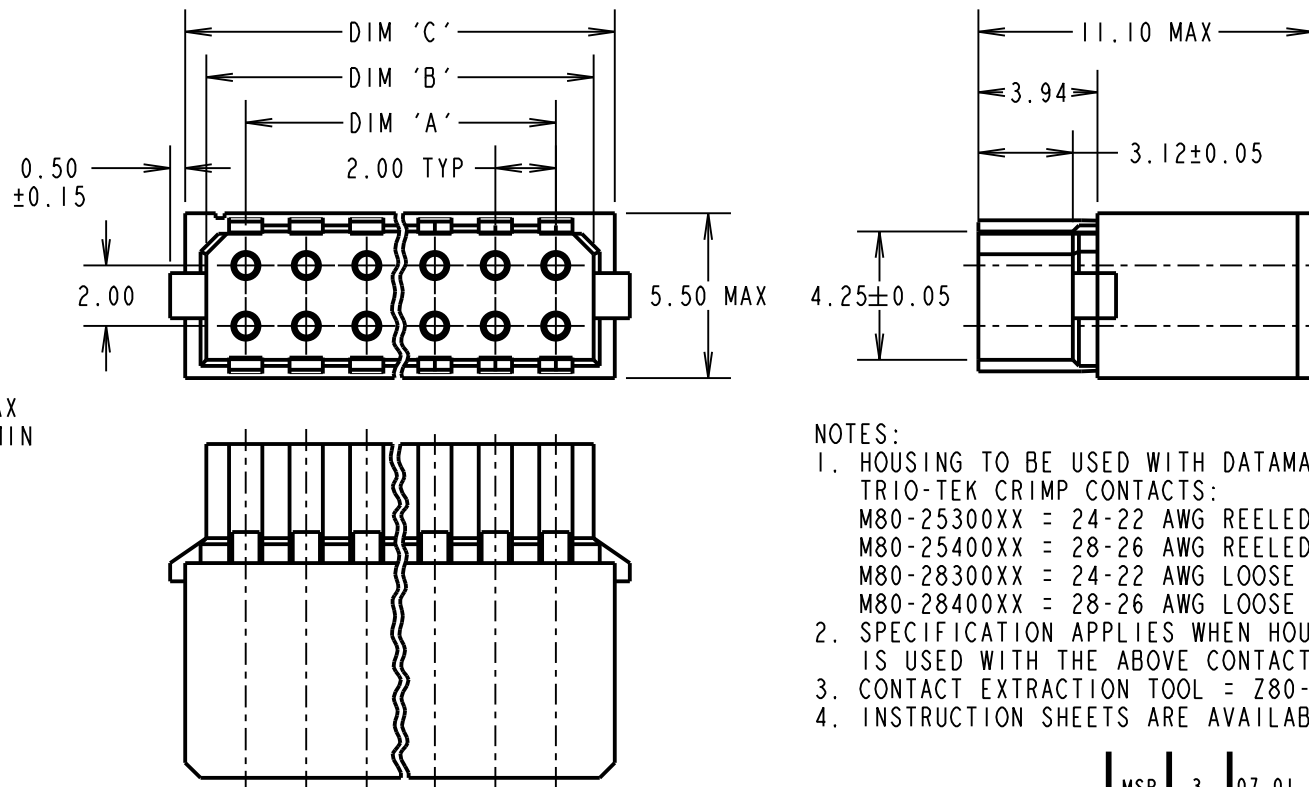
ENVIRONMENTAL

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.

| 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:

M80-691XX98

TOTAL No. OF
CONTACT POSITIONS

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

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

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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

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