Customer Information Sheet

DRAWING No.: M80-691XX98

SHEET 2 OF 2

IF IN DOUBT - ASK

(0

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION

MATERIAL

HOUSING = GLASS-FILLED POLYAMIDE 46,

UL94V-O. 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 m Ω MAX

INSULATION RESISTANCE = 100 M Ω MIN

MECHANICAL

DURABILITY = 400 OPERATIONS

INSERTION FORCE $(\emptyset 0.5 \text{mm GAUGE}) = 2.8 \text{N MAX}$

WITHDRAWAL FORCE $(\emptyset 0.5 \text{mm GAUGE}) = 0.2 \text{N MIN}$

ENVIRONMENTAL

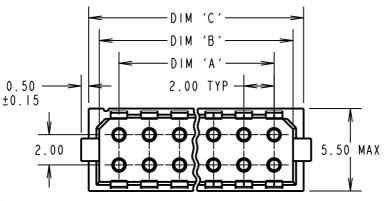
TEMPERATURE RANGE = -55°C TO +125°C

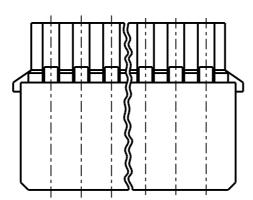
PACKING

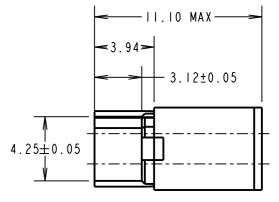
BAG

FOR COMPLETE SPECIFICATION, SEE COMPONENT

SPECIFICATION CO40XX (LATEST ISSUE)







NOTES:

I. 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.

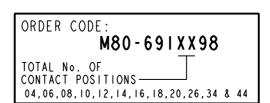
3. CONTACT EXTRACTION TOOL = Z80-258.

4. 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



 MSP
 3
 07.01.16
 13139

 NAME
 ISS.
 DATE
 C/NOTE

 APPROVED:
 M.PERREN

 CHECKED:
 M.PLESTED

 DRAWN:
 S.FLOWER

 CUSTOMER
 REF.:

ASSEMBLY DRG:

MARWIN

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TOLERANCES

X. = ± lmm

X. X = ±0.50mm

X. XX = ±0.10mm

X. XXX = ±0.01mm

ANGLES = ±5°

MATERIAL:

SEE ABOVE

FINISH: DF

DIL L-TEK FEMALE CRIMP HOUSING 4-WAY TO 44-WAY

DRAWING NUMBER:

M80-691XX98

SHT 2_{OF}₂

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

<u>M80-6910498</u> <u>M80-6910698</u> <u>M80-6910898</u> <u>M80-6911098</u> <u>M80-6911298</u> <u>M80-6911498</u> <u>M80-6911698</u> <u>M80-6911698</u> <u>M80-6911498</u>