

Customer Information Sheet

DRAWING No.: M80-455XX98 SHT 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
JACKSCREW, CIRCLIP = STAINLESS STEEL

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:

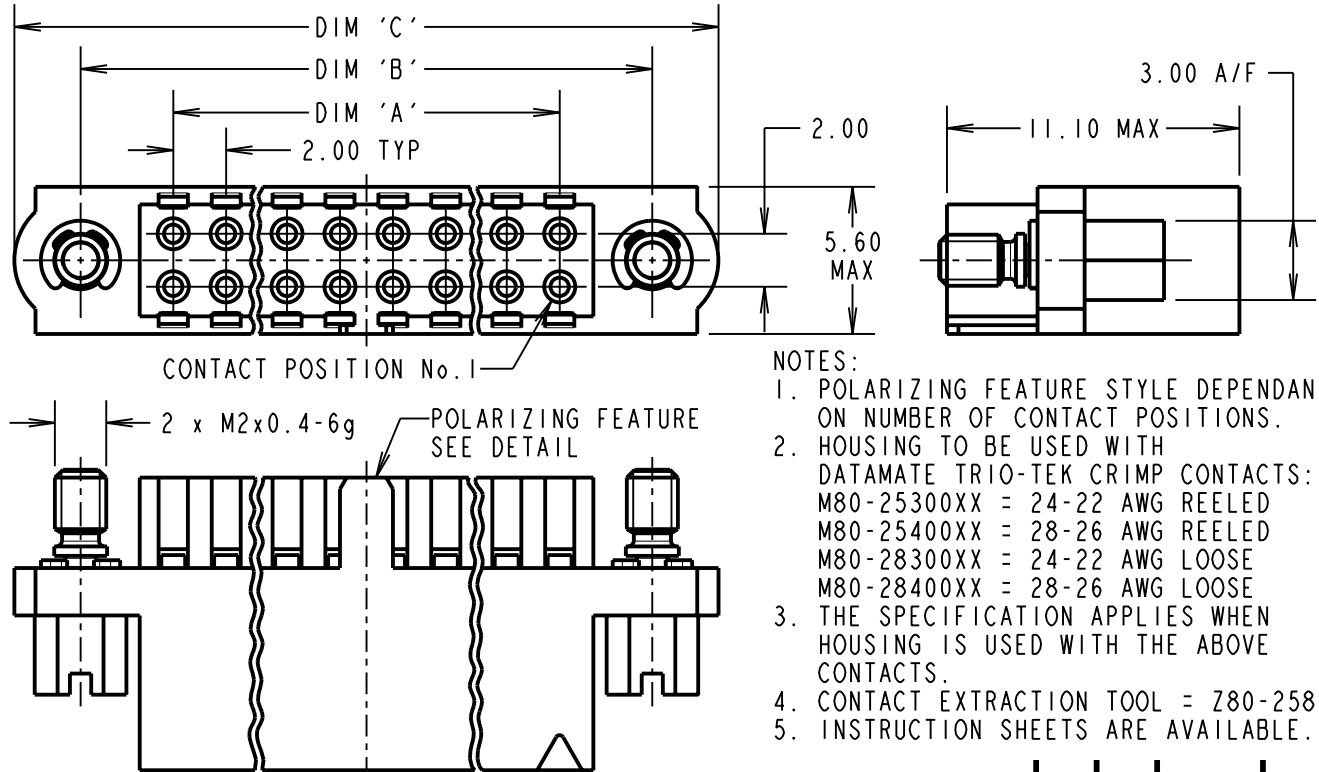
DURABILITY = 500 OPERATIONS
INSERTION FORCE = 2.8N MAX
WITHDRAWAL FORCE = 0.2N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

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



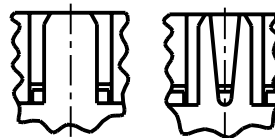
NOTES:

1. POLARIZING FEATURE STYLE DEPENDANT ON NUMBER OF CONTACT POSITIONS.
2. 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
3. THE SPECIFICATION APPLIES WHEN HOUSING IS USED WITH THE ABOVE CONTACTS.
4. CONTACT EXTRACTION TOOL = Z80-258.
5. INSTRUCTION SHEETS ARE AVAILABLE.

DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACT POSITIONS - 2
DIM 'B'	TOTAL No. OF CONTACT POSITIONS + 5
DIM 'C'	TOTAL No. OF CONTACT POSITIONS + 10
EXAMPLE: CONNECTOR WITH 20 CONTACT POSITIONS, M80-4552098	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

POLARIZING FEATURE
DETAIL
SEE NOTE 1

STYLE A STYLE B



ORDER CODE:

M80-455XX98

TOTAL No. OF
CONTACT POSITIONS
04 TO 50 (EVEN NUMBERS ONLY)

PLEASE CONTACT
datamate@harwin.com
FOR CURRENT AVAILABILITY

SF	1	07.07.09	10370
NAME	ISS.	DATE	C/NOTE
APPROVED:		SF	
CHECKED:		MGP	
DRAWN:		B. M. KENT	
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
FEMALE CRIMP HOUSING
WITH SLOTTED JACKSCREW
DRAWING NUMBER:
M80-455XX98

SHT
2 OF 2