

Customer Information Sheet

DRAWING No.: M80-583XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK

CONTACT = COPPER ALLOY
JACKSCREW = STAINLESS STEEL

FINISH:

05 = 0.25-0.3µ GOLD

46 = 3.5-5.0µ 100% TIN SHELL

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

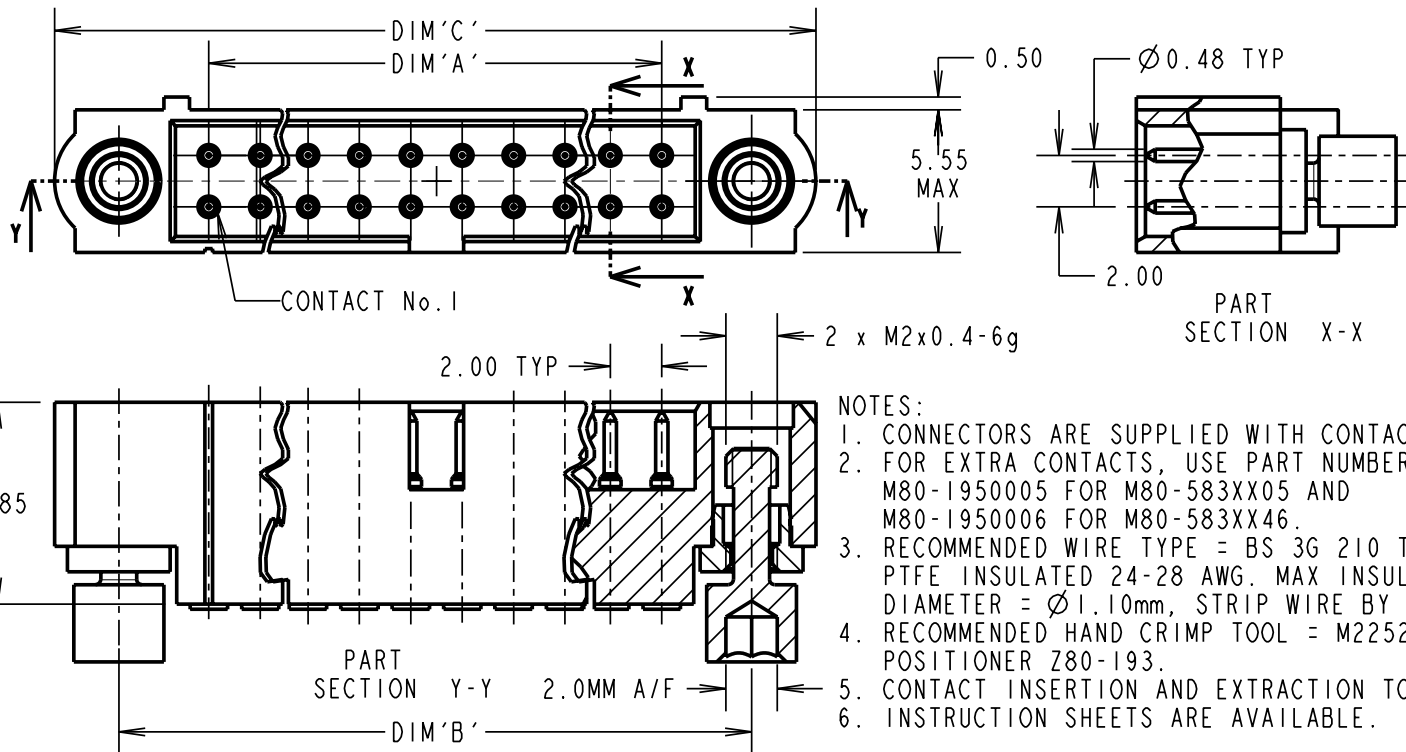
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

LOOSE

FOR COMPLETE SPECIFICATION,
SEE COMPONENT SPECIFICATION
C005XX (LATEST ISSUE)



NOTES:

- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-1950005 FOR M80-583XX05 AND M80-1950006 FOR M80-583XX46.
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER Z80-193.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
- INSTRUCTION SHEETS ARE AVAILABLE.

DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10

EXAMPLE: CONNECTOR WITH 20 GOLD CONTACTS, M80-5832005

DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm

ORDER CODE:
M80-583XXXX

TOTAL No. OF CONTACTS _____
04 TO 50
(EVEN NUMBERS ONLY)

FINISH CODE _____
05 - GOLD
46 - 100% TIN

RA	B	04.02.09	10281
NAME	ISS.	DATE	C/NOTE
APPROVED:		R.ADDE	
CHECKED:		M.G.PLESTED	
DRAWN:		R.ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE J-TEK
MALE DIL SMALL BORE CRIMP
WITH 'REVERSE FIX' JACKSCREW

DRAWING NUMBER:
M80-583XXXX

SHT 2 OF 2