

# Customer Information Sheet

DRAWING No.: M80-562XX05

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:**  
 CONTACTS = 0.25-0.3µ GOLD

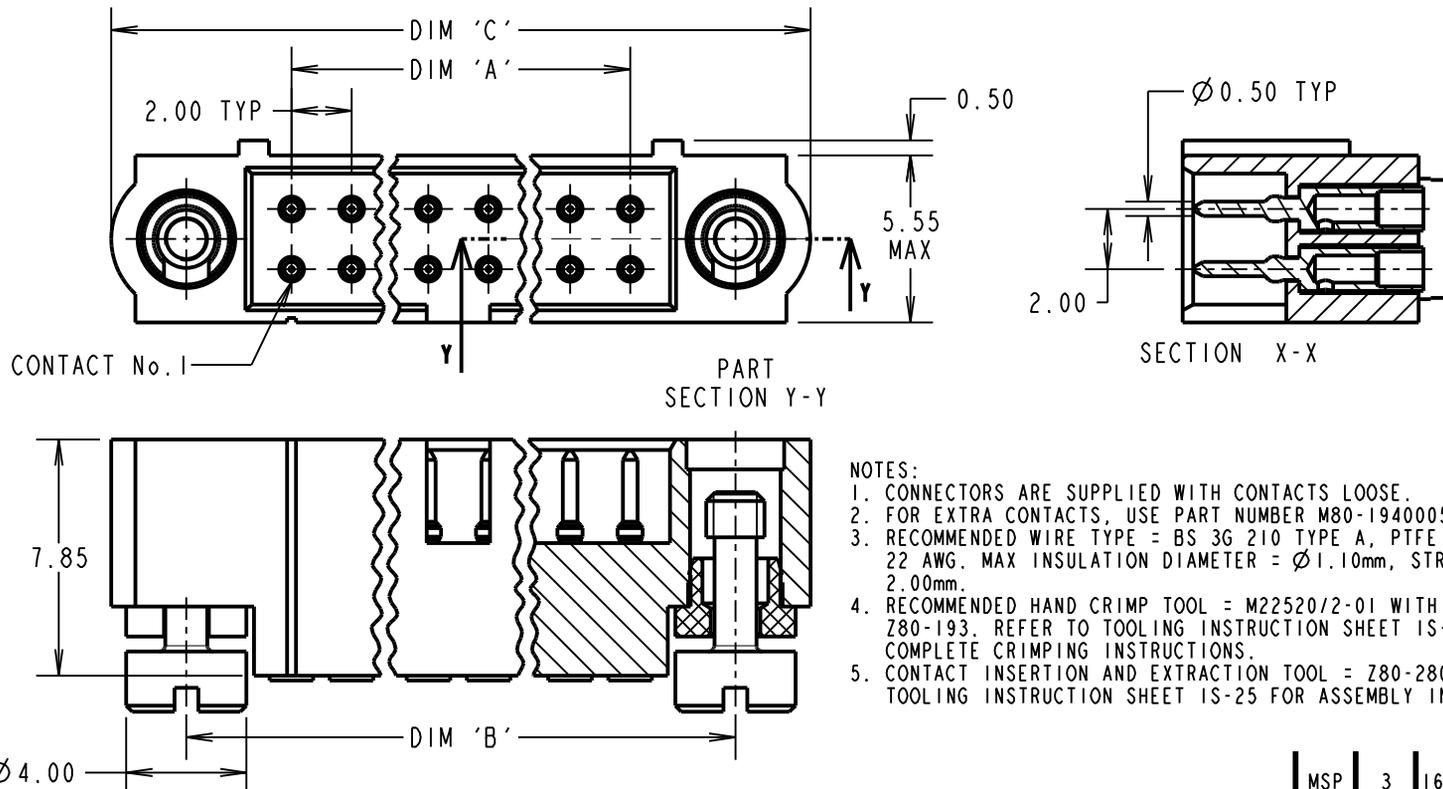
**ELECTRICAL:**  
 CURRENT RATING AT 25°C = 3.0A MAX  
 CURRENT RATING AT 85°C = 2.2A MAX  
 WORKING VOLTAGE = 800V AC/DC  
 VOLTAGE PROOF = 1200V AC/DC  
 CONTACT RESISTANCE = 25mΩ MAX  
 INSULATION RESISTANCE = 100MΩ MIN

**MECHANICAL:**  
 DURABILITY = 500 OPERATIONS

**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -55°C TO +125°C

**PACKING:**  
 LOOSE

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



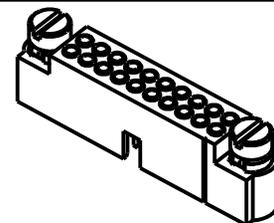
- NOTES:**
- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
  - FOR EXTRA CONTACTS, USE PART NUMBER M80-1940005.
  - RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
  - RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER Z80-193. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
  - CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

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, M80-5622005	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

ORDER CODE:

**M80-562XX05**

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



MSP	3	16.09.15	13088
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		B. M. KENT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

# HARWIN

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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:** SEE ABOVE  
**S/AREA:** mm<sup>2</sup>

**TITLE:** DATAMATE J-TEK  
 MALE DIL LARGE BORE CRIMP  
 WITH 'REVERSE FIX' JACKSCREW  
**DRAWING NUMBER:**  
**M80-562XX05**  
 SHT 2 OF 2

# Mouser Electronics

Authorized Distributor

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