Customer Information Sheet

ORDER CODE: M80-853XXXX
TOTAL NO. OF WAYS: 04, 06, 08, 10, 12, 14, 16, 18, 20, 26, 34, 44
FINISH:
45 = GOLD
42 = SELECTIVE GOLD / 100% TIN

NOTES:
1. 2-OFF STRAIN RELIEF STRAPS M80-0030006 MAY BE USED WITH THIS CONNECTOR.

SPECIFICATIONS:
MATERIAL:
MOULDING: POLYAMIDE 46 UL94V-0, BLACK
CONTACTS: PHOSPHOR BRONZE
LATCHES: DERBYLUM COPPER
FINISH:
CONTACTS:
45 = 0.75μm GOLD
42 = 0.75μm GOLD ON CONTACT AREA,
3.0μm 008 TIN ON TAILS
LATCH = 1.25μm NICKEL
ELECTRICAL:
CURRENT RATING (25°C) = 3.0A MAX
CURRENT RATING (85°C) = 2.2A MAX
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE (INITIAL) = 20 mΩ MAX.
CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX.
INSULATION RESISTANCE (INITIAL) = 1000 MΩ MIN.
INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MΩ MIN.
MECHANICAL:
DURABILITY = 500 OPERATIONS
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION CD05XXX (LATEST ISSUE)

RECOMMENDED PCB LAYOUT