

Customer Information Sheet

DRAWING No.: M50-90XXX42

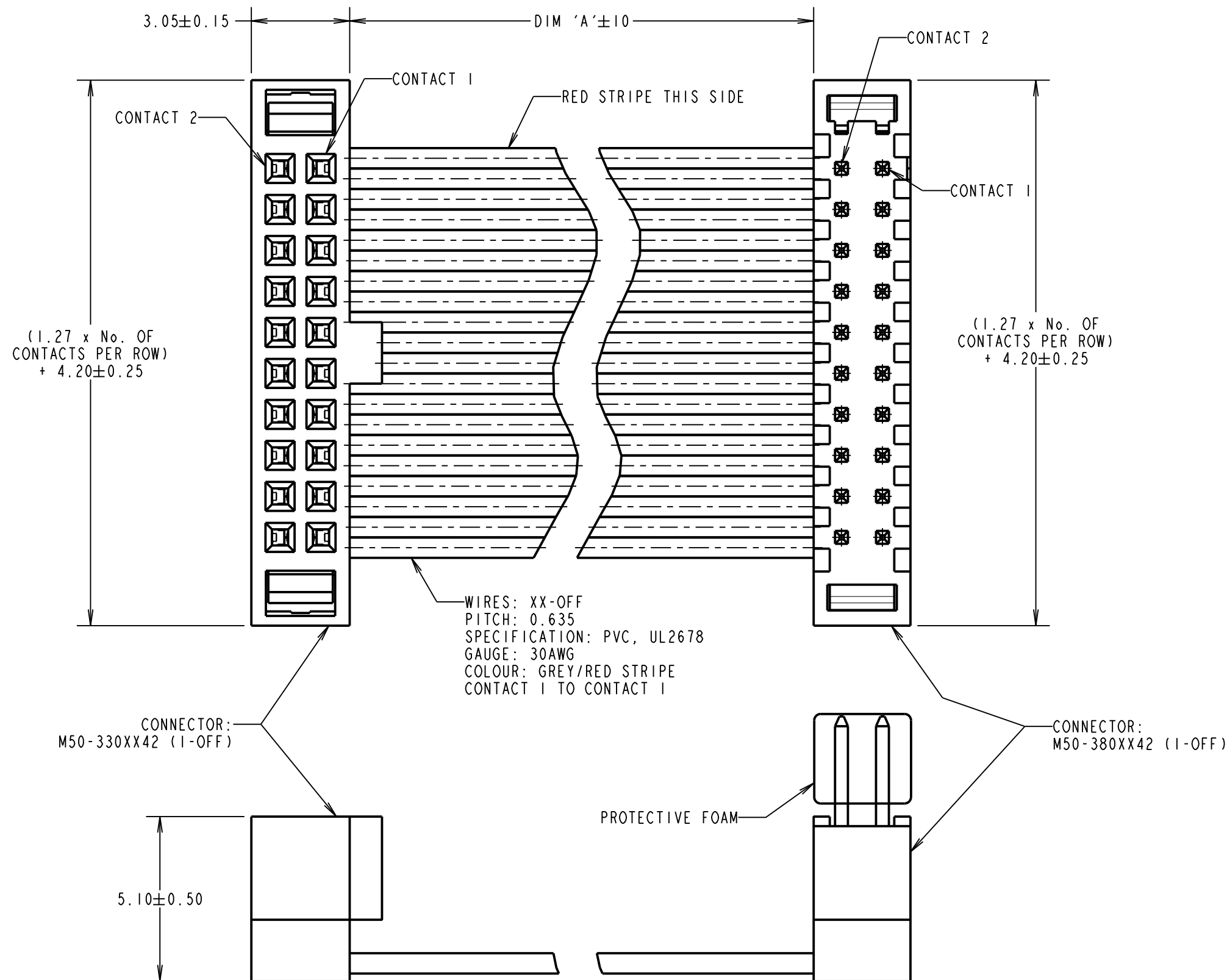
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
 MOULDINGS = PBT 30% G/F, UL94V-0, BLACK
 CONTACT = PHOSPHOR BRONZE
FINISH:
CONTACTS:
 M50-330XX42 = 0.015-0.02µm MIN GOLD ON CONTACTS, 2.54µm MIN 100% TIN ON TAILS, OVER 0.76-2.03µm NICKEL
 M50-380XX42 = 0.015-0.02µm MIN GOLD ON CONTACTS, OVER 0.76-2.03µm NICKEL
ELECTRICAL:
 RATED CURRENT = 0.5A PER CONTACT
 CONTACT RESISTANCE = 1.0Ω MAX
 WORKING VOLTAGE = 300V DC 10 SECONDS
 INSULATION RESISTANCE = 5MΩ MIN
MECHANICAL:
 DURABILITY = 100 CYCLES MIN
 INSERTION FORCE = 1.0N MAX PER CONTACT
 WITHDRAWAL FORCE = 0.14N MIN PER CONTACT
ENVIRONMENTAL:
 TEMPERATURE RANGE = -20°C TO +105°C
PACKING:
 SEE ERP FOR PACKAGING
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

ORDER CODE **M50-90XXX42**

DIM 'A': _____
 SEE TABLE

No. OF CONTACTS PER ROW: _____
 05, 10, 13, 17, 20, 25

PART No.	DIM 'A'
M50-900XX42	50
M50-901XX42	150
M50-902XX42	300

MGP	9	19.07.21	30671
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: MR			
DRAWN:		R. ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

NOTES:
 1. CONNECTORS M50-330XX42 & M50-380XX42, AS WELL AS CABLE, ARE RoHS COMPLIANT.
 2. FOR CONNECTOR DETAILS SEE DRAWINGS M50-330XX42 & M50-380XX42.

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TOLERANCES
 X. = ±1mm
 X.X = ±0.50mm
 X.XX = ±0.20mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

MATERIAL: SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: 1.27mm PITCH IDC DIL SOCKET/PLUG CABLE ASSEMBLY

DRAWING NUMBER: M50-90XXX42

SHT 2 OF 2

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