

Customer Information Sheet

DRAWING No.: M50-90XXX42

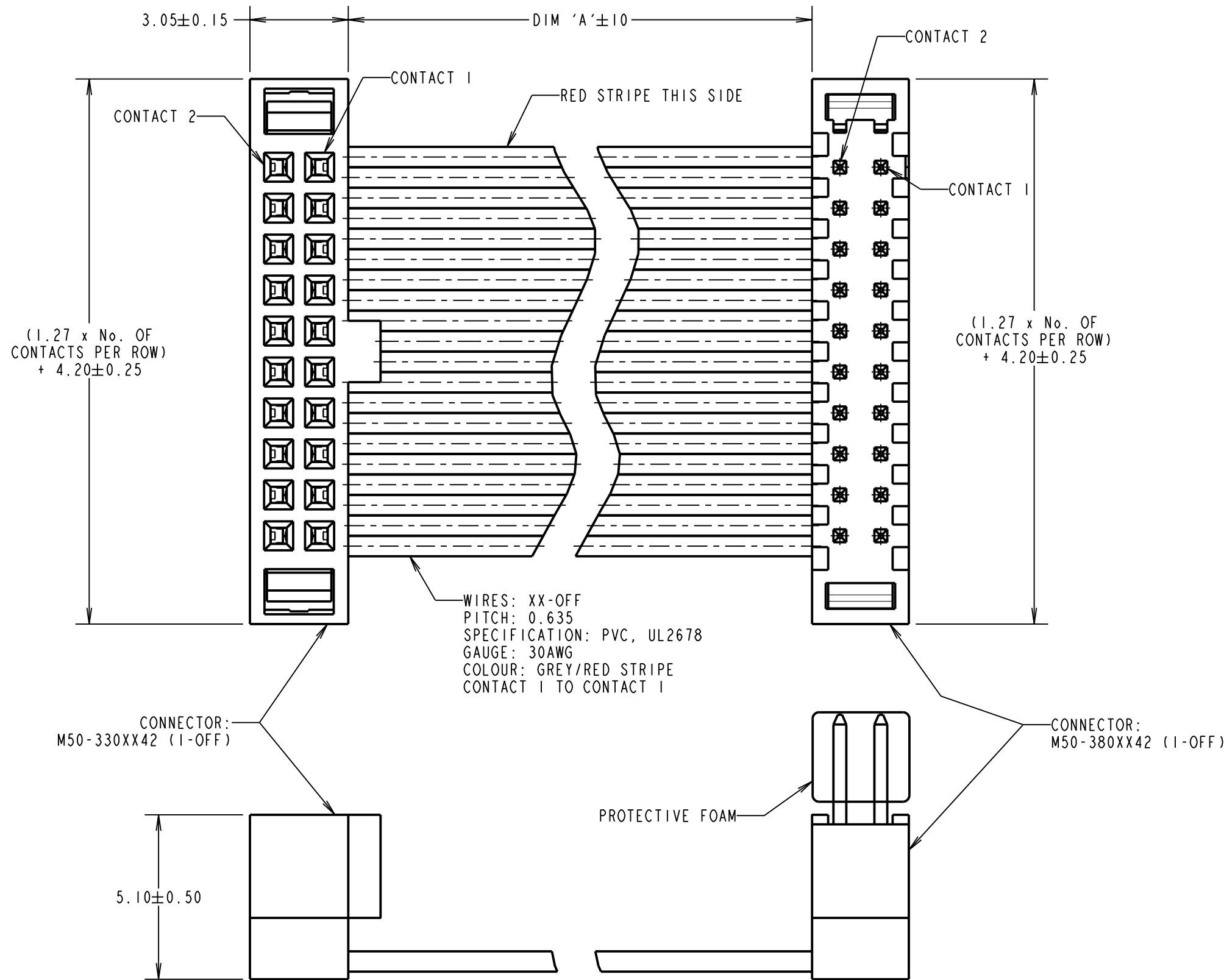
IF IN DOUBT - ASK

©

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.ADE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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

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			<p>FINISH: SEE ABOVE</p>	
			<p>S/AREA: mm²</p>	<p>SHT 2 OF 2</p>