

Customer Information Sheet

DRAWING No.: M50-91XXX42

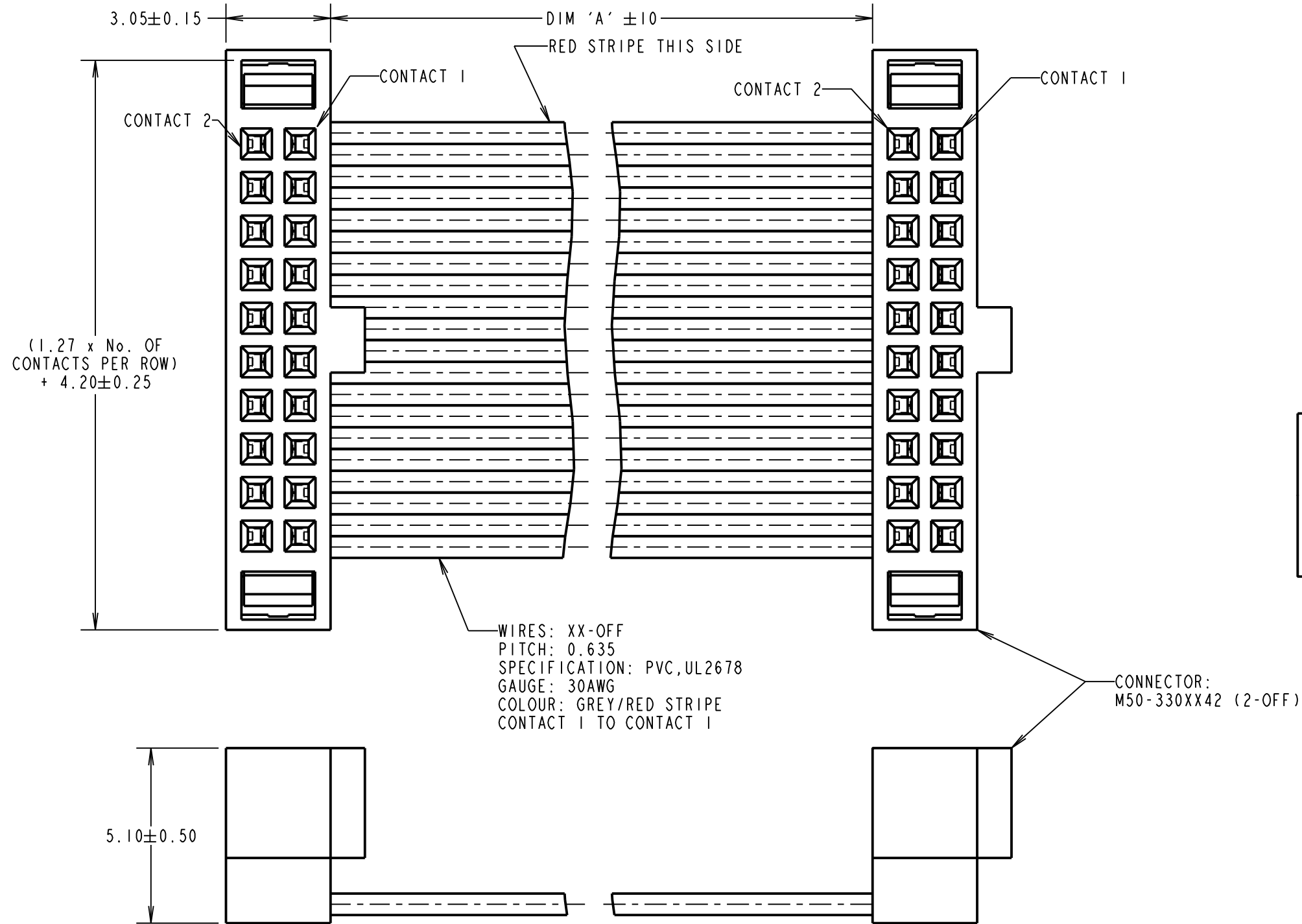
IF IN DOUBT - ASK

©

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: = 0.015-0.02µm MIN GOLD ON CONTACTS,
2.54µm MIN 100% TIN ON TAILS,
OVER 0.76-2.03µm NICKEL

ELECTRICAL:
RATED CURRENT = 0.5A PER CONTACT
CONTACT RESISTANCE = 1.0Ω MAX
VOLTAGE PROOF = 300V DC FOR 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:
BAG
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

ORDER CODE	M50-91XXX42
DIM 'A':	SEE TABLE
No. OF CONTACTS PER ROW:	05, 10, 13, 17, 20, 25

- NOTES:**
- CONNECTOR M50-330XX42 AND CABLE ARE RoHS AND REACH COMPLIANT.
 - FOR CONNECTOR DETAILS SEE DRAWING M50-330XX42.

HARWIN

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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
CABLE ASSEMBLY

DRAWING NUMBER:
M50-91XXX42

SHT
2 OF 2

MGP	8	19.07.21	30671
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: MR			
DRAWN: R. ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

PART No.	DIM 'A'
M50-910XX42	150
M50-911XX42	300