

Customer Information Sheet

DRAWING No.: M50-90XXX42

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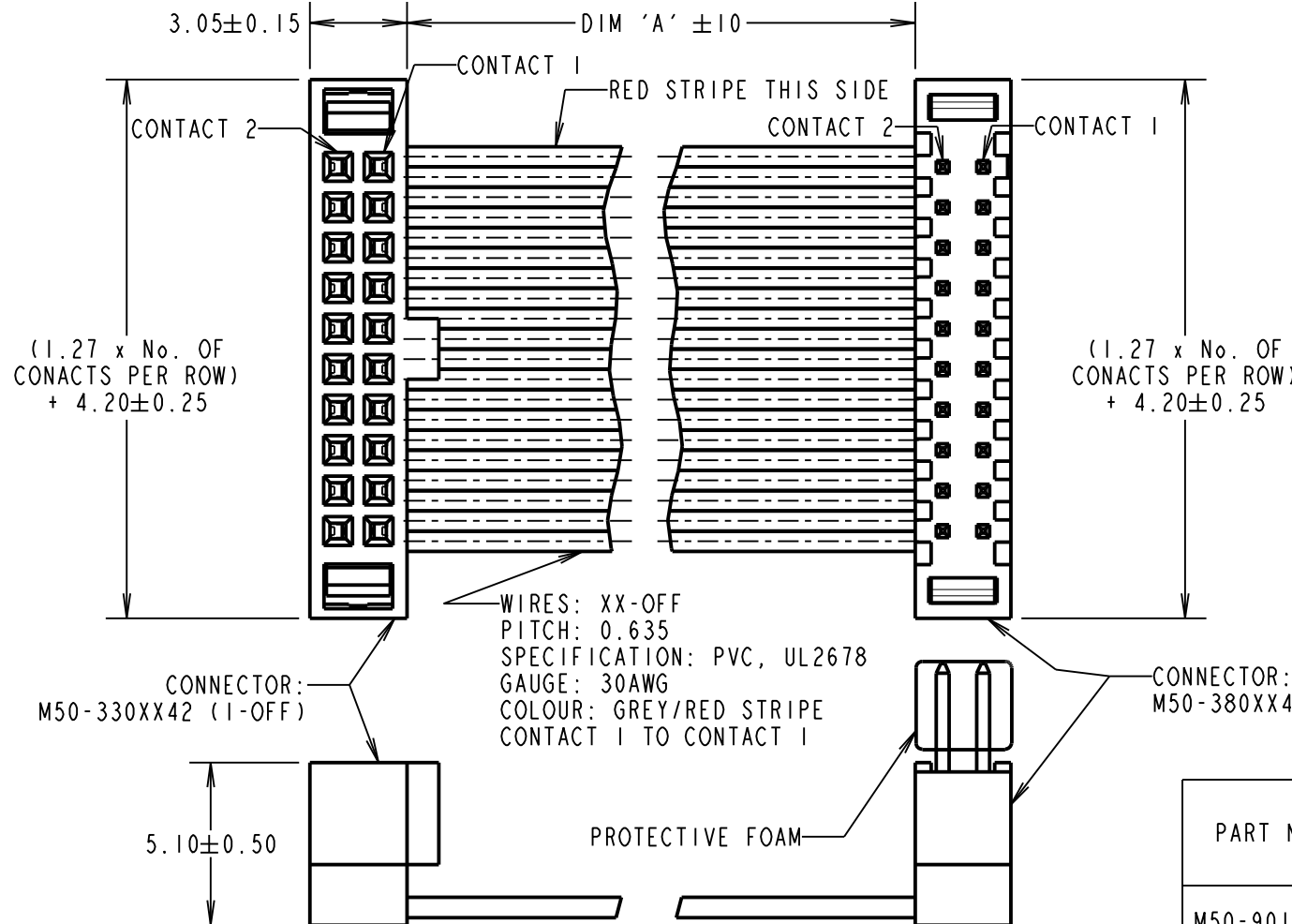
IF IN DOUBT - ASK

©

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 = 0.015-0.02µ MIN GOLD ON CONTACTS, 2.54µ MIN 100% TIN ON TAILS, OVER 0.76-2.03µ NICKEL
M50-380XX42 = 0.015-0.02µ MIN GOLD ON CONTACTS, OVER 0.76-2.03µ NICKEL

ELECTRICAL:

CONTACT RESISTANCE = 1.0Ω MAX
WORKING VOLTAGE = 300V DC MIN
INSULATION RESISTANCE = 5MΩ MIN

MECHANICAL:

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)

CONNECTOR:
M50-330XX42 (1-OFF)

WIRES: XX-OFF
PITCH: 0.635
SPECIFICATION: PVC, UL2678
GAUGE: 30AWG
COLOUR: GREY/RED STRIPE
CONTACT 1 TO CONTACT 1

CONNECTOR:
M50-380XX42 (1-OFF)

PROTECTIVE FOAM

NOTES:

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

MSP	5	19.01.15	12780
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		R.ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

PART No.	DIM 'A'	No. OF CONTACTS PER ROW
M50-901XX42	150	05, 10, 13, 17, 20, 25
M50-902XX42	300	05, 10, 13, 17, 20, 25

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www.harwin.com
technical@harwin.com

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TOLERANCES
X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
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
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