

Customer Information Sheet

DRAWING No.: M50-90XXX42

SHEET 2 OF 2

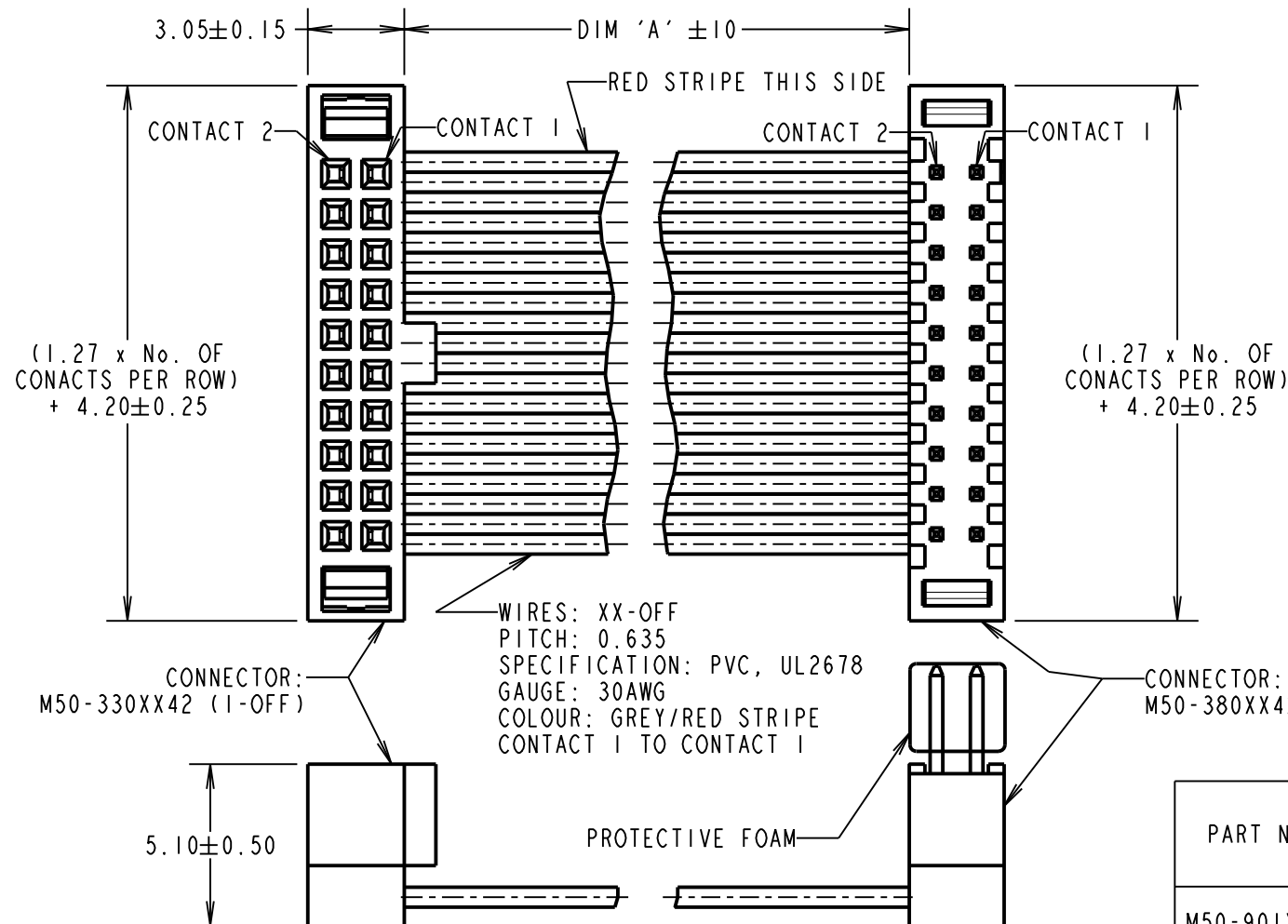
IF IN DOUBT - ASK

(C)

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)

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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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
2
OF
2

SB	4	29.08.12	11800
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M50-9021742](#) [M50-9012042](#) [M50-9022542](#) [M50-9012542](#) [M50-9021042](#) [M50-9011742](#) [M50-9022042](#) [M50-9011342](#) [M50-9020542](#) [M50-9021342](#) [M50-9011042](#) [M50-9010542](#)