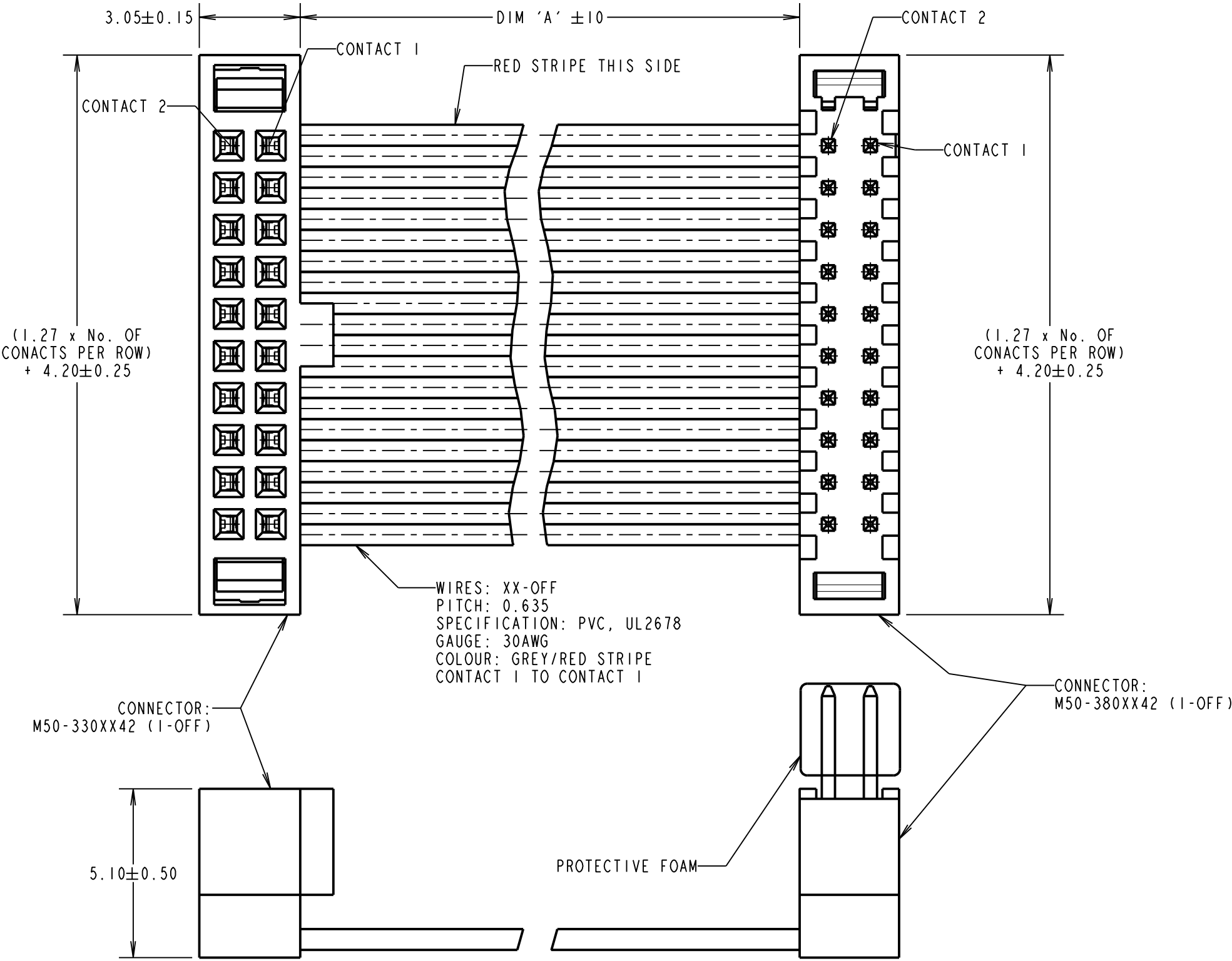


Customer Information Sheet



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:

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

M50-90XXX42

DIM 'A':
SEE TABLE

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

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

SB	7	02.11.16	20141
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		M.PERREN	
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.

HARWIN

www.harwin.com

technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

TOLERANCES

X. = ±1mm

X.X = ±0.50mm

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

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](#)