

Customer Information Sheet

DRAWING No.: M50-91XXX42

SHEET 2 OF 2

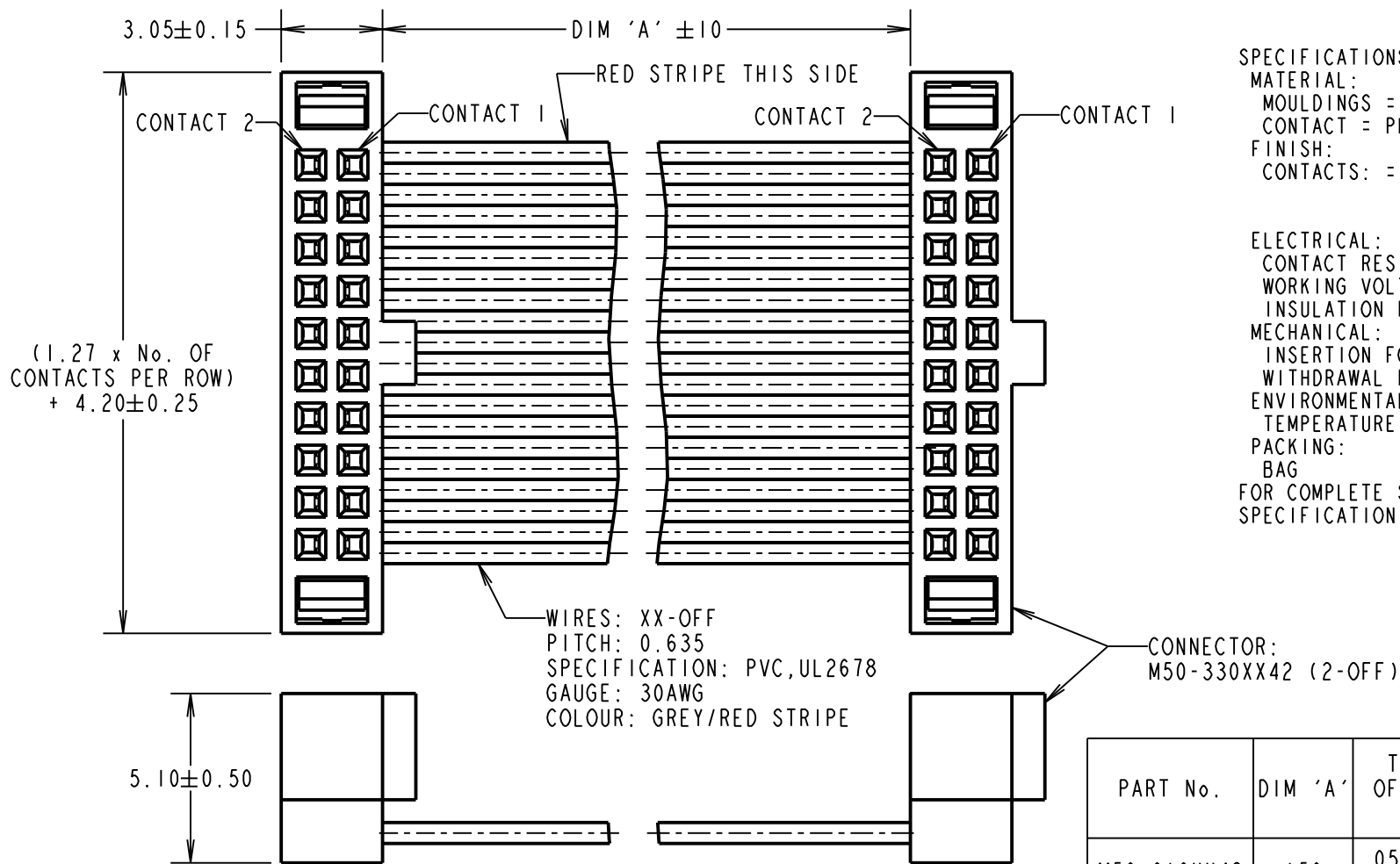
IF IN DOUBT - ASK

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

ELECTRICAL:

CONTACT RESISTANCE = 1.0 Ω MAX
WORKING VOLTAGE = 300V DC FOR 10 SECONDS
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:

1. CONNECTOR M50-330XX42 AND CABLE ARE RoHS AND REACH COMPLIANT.
2. FOR CONNECTOR DETAILS SEE DRAWING M50-330XX42.

SB	4	30.08.12	11800
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		R.ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

PART No.	DIM 'A'	TOTAL No. OF CONTACTS PER ROW
M50-910XX42	150	05, 10, 13, 17, 20, 25
M50-911XX42	300	05, 10, 13, 17, 20, 25

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 = ±0.25mm
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
CABLE ASSEMBLY

DRAWING NUMBER:

M50-91XXX42

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M50-9101742](#) [M50-9101042](#) [M50-9112042](#) [M50-9112542](#) [M50-9111042](#) [M50-9111342](#) [M50-9110542](#) [M50-9102542](#) [M50-9100542](#) [M50-9102042](#) [M50-9101342](#) [M50-9111742](#)