

Customer Information Sheet

DRAWING No.: M50-91XXX42

SHEET 2 OF 2

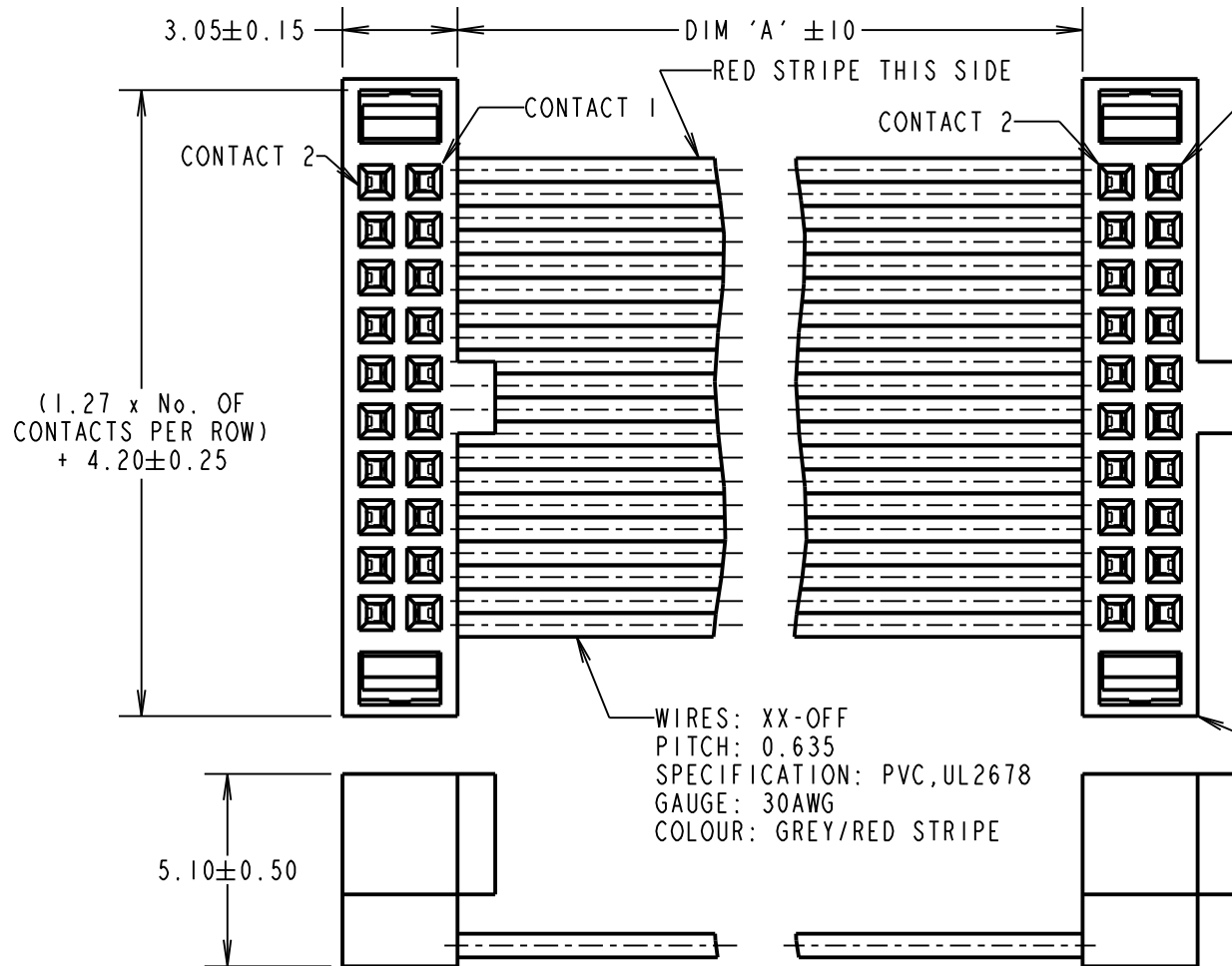
IF IN DOUBT - ASK

©

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

ELECTRICAL:

CONTACT RESISTANCE = 1.0Ω MAX
VOLTAGE PROOF = 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:

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

MSP	5	16.09.15	12974
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
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 = ±0.50mm
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
CABLE ASSEMBLY

DRAWING NUMBER:
M50-91XXX42

SHT
2
OF
2