

Customer Information Sheet

DRAWING No.: C90-3106FXXSX-XX

SHEET 2 OF 2

IF IN DOUBT - ASK

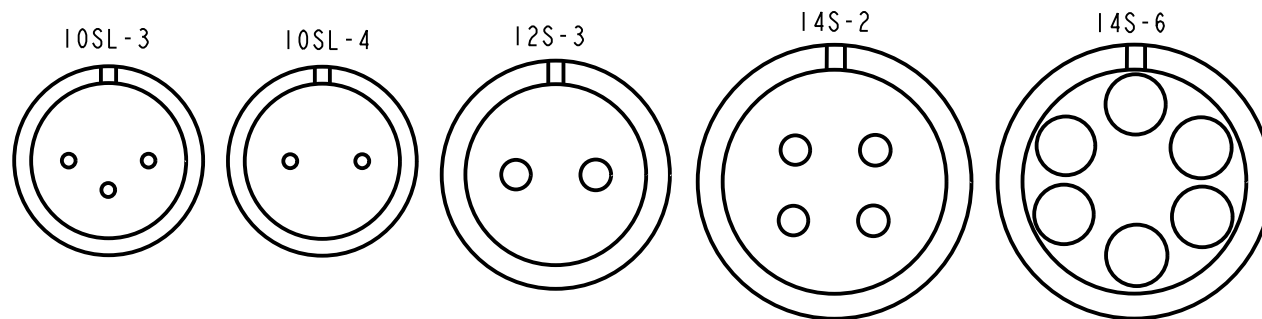
(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

CONTACT LAYOUT (SHOWN LOOKING AT THE MATING FACE)



'C' THREAD

DIM 'A'

Ø DIM 'D'
SEE NOTE 4

Ø DIM 'B'

SPECIFICATIONS:

MATERIAL:

SHELL = ALUMINIUM ALLOY
INSULATOR = SYNTHETIC RUBBER
GROMMET = SYNTHETIC RUBBER
CONTACT = COPPER ALLOY

FINISH:

SHELL = ZINC WITH BLACK CHROMATE COATING
CONTACT = SILVER

ENVIRONMENTAL:

OPERATING TEMPERATURE = -55°C TO +125°C

MECHANICAL:

VIBRATION SENSITIVITY = 10Hz TO 500Hz, 98mm/s² (10G)

SHOCK SEVERITY = 490m/s² (50G) FOR 11ms

WATER RESISTANCE (SEALING) = 1.8m FOR 48HRS, EXCEEDS IP67

ELECTRICAL:

CURRENT RATING = 13A

VOLTAGE RATING = 10SL, 12S SHELL SIZES: 500V AC, 700V DC

14S SHELL SIZE: 200V AC, 250V DC

VOLTAGE PROOF = 10SL & 12S: 2,000V AC

14S: 1,000V AC

INSULATION RESISTANCE = 5,000MΩ MIN

FOR MECHANICAL/ELECTRICAL REQUIREMENTS,
SEE COMPONENT SPECIFICATION C045XX (LATEST ISSUE)

ORDER CODE:

C90-3106FXXXX-XX

SHELL SIZE (CONTACT LAYOUT):

10SL-3, 10SL-4, 12S-3, 14S-2

14S-6

CONTACT GENDER:

P - MALE

S - FEMALE

NOTES:

1. PRODUCT IS RoHS COMPLIANT.
2. PRODUCT IS PACKED IN BAGS.
3. RECOMMENDED WIRE SIZE 16-22 AWG.
4. CABLE CLEARANCE.
5. RECOMMENDED WIRE STRIP LENGTH = 7.5mm.

SHELL SIZE	DIM 'A' MAX	Ø DIM 'B' MAX	'C' THREAD	Ø DIM 'D' MAX
10SL	54.10	24.10	5/8-24UNEF	7.14
12S	54.10	25.30	3/4-20UNEF	7.14
14S	55.91	28.53	7/8-20UNEF	10.31

SB	7	25.06.13	12118
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		R.ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.comtechnical@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:

STRAIGHT PLUG

DRAWING NUMBER:

C90-3106FXXSX-XX

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

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