

# Customer Information Sheet

DRAWING No.: C90-3106FXXSX-XX

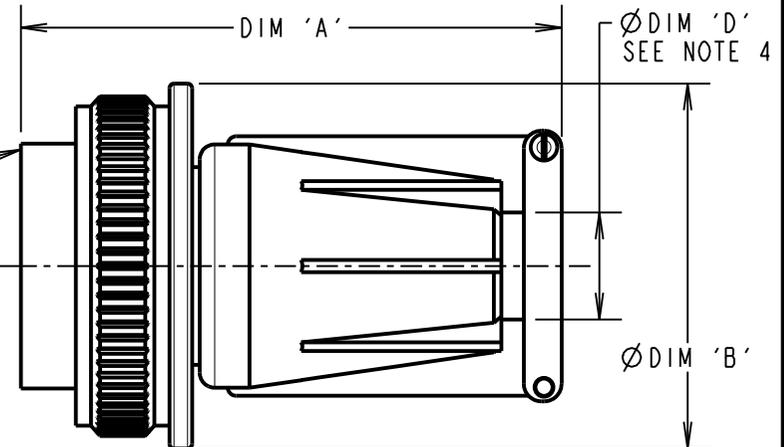
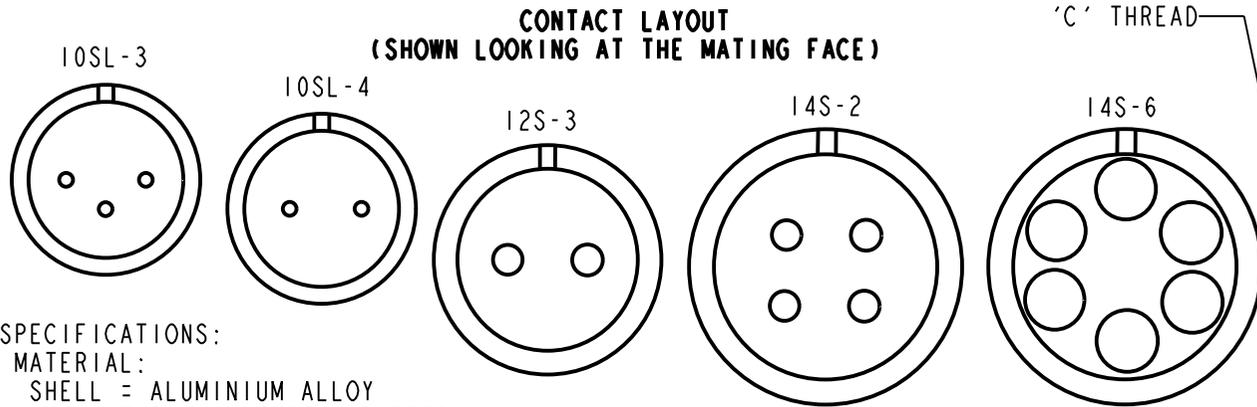
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**

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

**FINISH:**

SHELL = ZINC COBALT ALLOY, BLACK  
 CONTACT = SILVER

**ENVIRONMENTAL:**

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

**MECHANICAL:**

VIBRATION SENSITIVITY = 10Hz TO 500Hz, 98m/s<sup>2</sup> (10G)  
 SHOCK SEVERITY = 490m/s<sup>2</sup> (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 SHELL SIZES = 2,000V AC  
 14S SHELL SIZES = 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'	'C' THREAD	Ø DIM 'D' MAX
10SL	58.72	22.04	5/8-24UNEF	7.14
12S	58.72	25.40	3/4-20UNEF	7.14
14S	58.72	28.30	7/8-20UNEF	10.31

MGP	9	03.06.19	21873
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: MR			
DRAWN:		R.ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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**TOLERANCES**  
 X. = ±1mm  
 X.X = ±0.50mm  
 X.XX = ±0.20mm  
 X.XXX = ±0.01mm  
 ANGLES = ±5°  
 UNLESS STATED

**MATERIAL:**

SEE ABOVE

**FINISH:** SEE ABOVE

**S/AREA:** mm<sup>2</sup>

**TITLE:**

STRAIGHT PLUG

**DRAWING NUMBER:**

**C90-3106FXXSX-XX**

SHT  
 2 OF 2

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