

# Customer Information Sheet

DRAWING No.: C90-3102RXXSX-XX

SHEET 2 OF 2

IF IN DOUBT - ASK

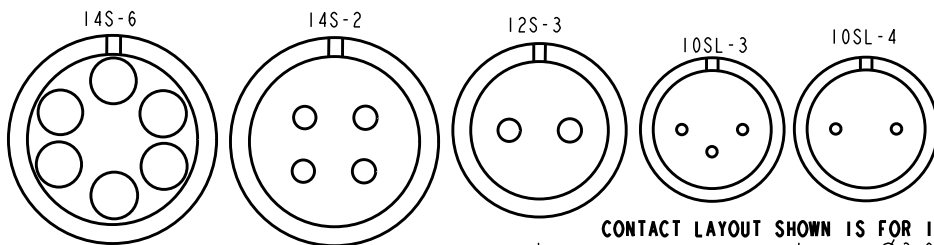
©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

## CONTACT LAYOUT (SHOWN LOOKING AT THE MATING FACE)

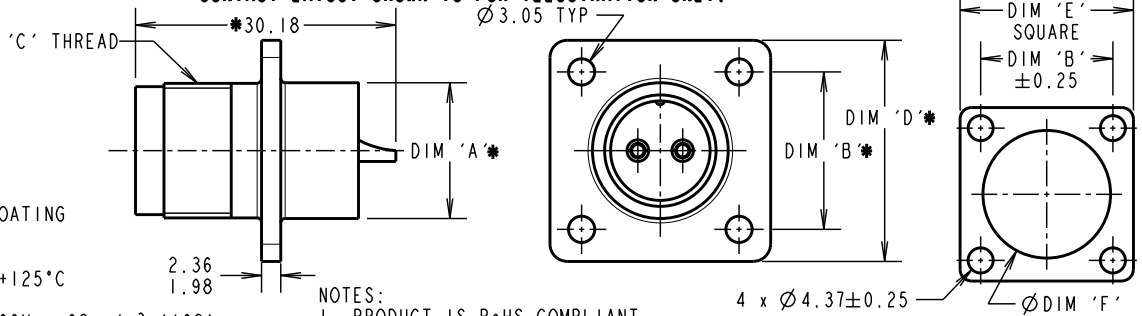


ORDER CODE: **C90-3102RXXXX-XX**

SHELL SIZE (CONTACT LAYOUT)  
10SL-3, 10SL-4, 12S-3, 14S-2  
14S-6

CONTACT GENDER  
P - MALE  
S - FEMALE

CONTACT LAYOUT SHOWN IS FOR ILLUSTRATION ONLY.



### SPECIFICATIONS:

**MATERIAL:**  
SHELL: ALUMINIUM ALLOY  
INSULATOR: SYNTHETIC RUBBER  
GASKET: 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/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: 2,000V AC  
14S: 1,000V AC  
INSULATION RESISTANCE: 5,000MΩ MIN.  
FOR MECHANICAL/ELECTRICAL REQUIREMENTS,  
SEE COMPONENT SPECIFICATION C045XX (LATEST ISSUE)

### NOTES:

1. PRODUCT IS RoHS COMPLIANT
2. PRODUCT IS PACKED IN BAGS WITH GASKET.
3. RECOMMENDED WIRE SIZE 16-22 AWG
4. RECOMMENDED PANEL CUT-OUT FOR SHELL SIZE 10SL & 12S = Ø20.62 AND FOR SHELL SIZE 14S = Ø23.83.

SHELL SIZE	DIM 'A'	DIM 'B'	THREAD 'C'	DIM 'D'	DIM 'E' +0.4 -0.0	DIM 'F' +0.4 -0.0
10SL	Ø15.75	18.25	5/8-24UNEF	25.65	25.40	Ø15.87
12S	Ø17.17	20.62	3/4-20UNEF	28.02	27.80	Ø19.05
14S	Ø18.92	23.02	7/8-20UNEF	30.40	30.17	Ø22.22

RA	4	22.02.11	11153
NAME	ISS.	DATE	C/NOTE
APPROVED: R. ADDE			
CHECKED: M.G.PLESTED			
DRAWN: R. ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

## HARWIN

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

**TITLE:**  
PANEL MOUNT CONNECTOR

**DRAWING NUMBER:**  
C90-3102RXXSX-XX

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