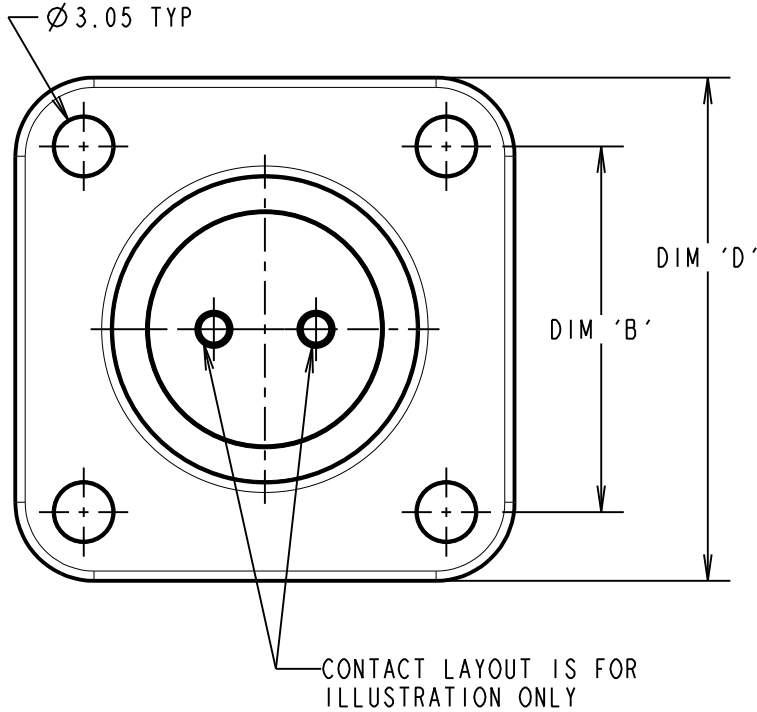
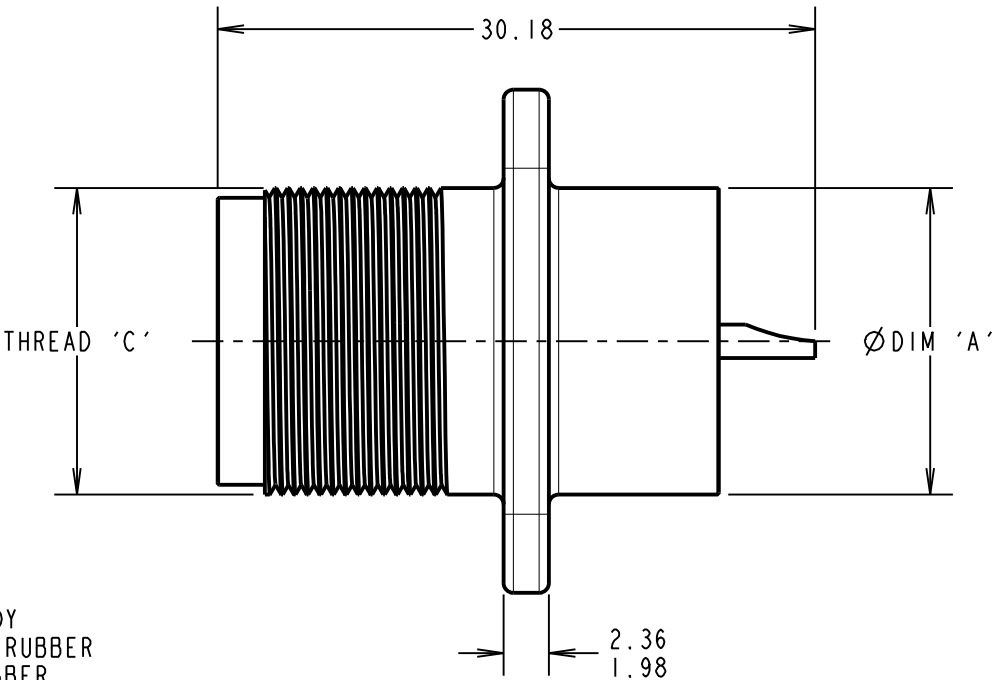
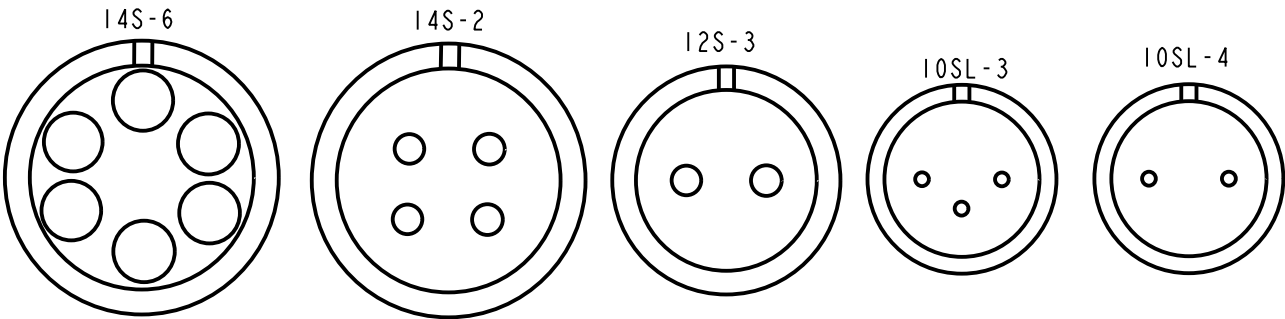


Customer Information Sheet

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
IS FOR ILLUSTRATION ONLY)



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

SPECIFICATIONS:

MATERIAL:

- SHELL = ALUMINIUM ALLOY
- INSULATOR = SYNTHETIC RUBBER
- GASKET = SYNTHETIC RUBBER
- CONTACT = COPPER ALLOY

FINISH:

- SHELL = ZINC COBALT ALLOY, BLACK
- CONTACT = SILVER

ENVIRONMENTAL =

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

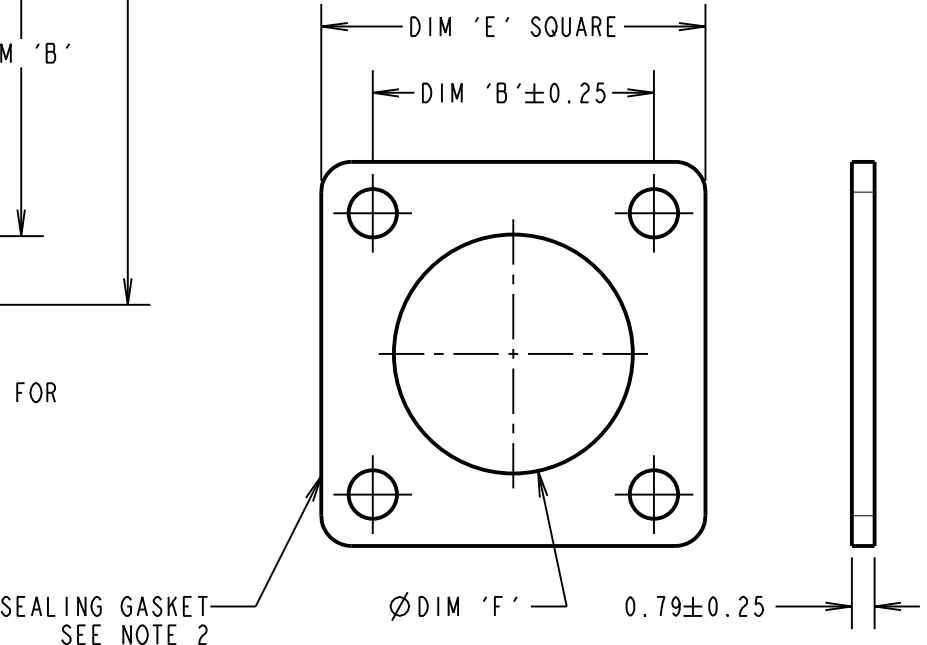
MECHANICAL:

- VIBRATION SENSITIVITY = 10Hz TO 500Hz, 98m/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 SHELL SIZES = 2,000V AC
 - 14S SHELL SIZE = 1,000V AC
- INSULATION RESISTANCE = 5,000MΩ MIN.

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



SHELL SIZE	DIM 'A'	DIM 'B'	THREAD 'C'	DIM 'D'	DIM 'E' +0.4 -0.0	DIM 'F' +0.4 -0.0
10SL	Ø 15.75	18.25	5/8-24UNEF	25.65	25.40	Ø 15.87
12S	Ø 17.17	20.62	3/4-20UNEF	28.02	27.80	Ø 19.05
14S	Ø 18.92	23.02	7/8-20UNEF	30.40	30.17	Ø 22.22

MSP	7	19.07.17	20038
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: M.PLESTED			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

- NOTES:
- PRODUCT IS RoHS COMPLIANT.
 - CONNECTOR PACKED IN BAGS, ONE CONNECTOR AND GASKET PER BAG.
 - RECOMMENDED WIRE SIZE 16-22 AWG.
 - RECOMMENDED PANEL CUT-OUT FOR SHELL SIZE 10SL & 12S = Ø20.62 AND FOR SHELL SIZE 14S = Ø23.83.
 - RECOMMENDED WIRE STRIP LENGTH = 7.5mm.

HARWIN

www.harwin.com
technical@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:

PANEL MOUNT CONNECTOR

DRAWING NUMBER:

C90-3102RXXSX-XX

SHT 2 OF 2

Mouser Electronics

Authorized Distributor

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

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[C90-3102R10SL-3P](#) [C90-3102R10SL-3S](#) [C90-3102R10SL-4P](#) [C90-3102R10SL-4S](#) [C90-3102R12S-3P](#) [C90-3102R12S-3S](#) [C90-3102R14S-2P](#) [C90-3102R14S-2S](#) [C90-3102R14S-6P](#) [C90-3102R14S-6S](#)