

C90 Series Circular Connectors

December 2014

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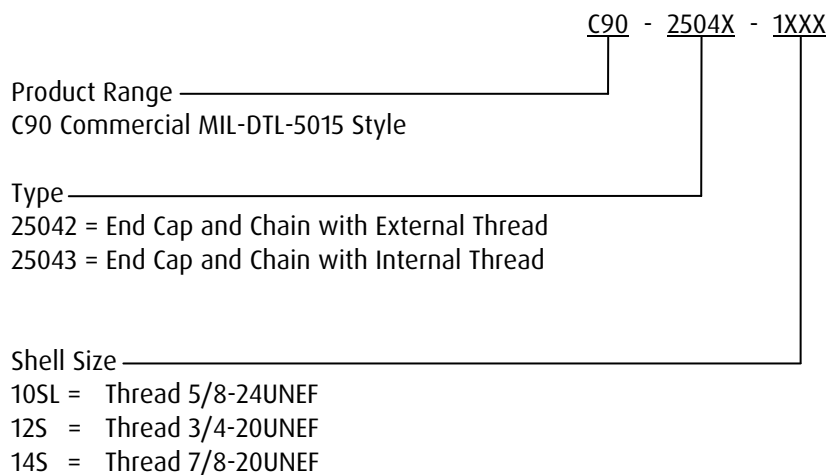


COMPONENT SPECIFICATION

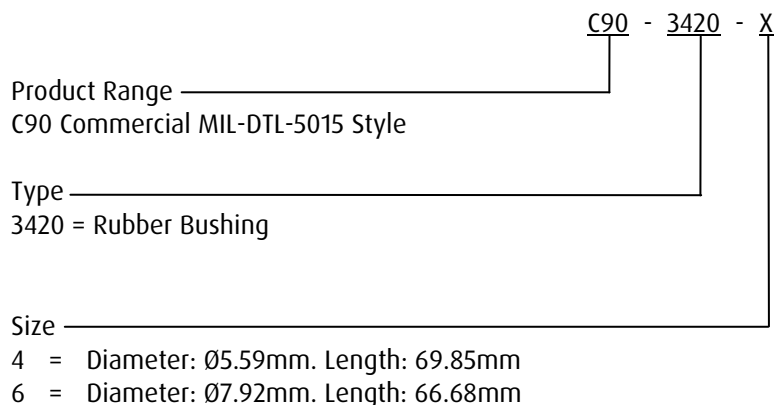
HARWIN

2.1. CONNECTOR ACCESSORIES.

The marking (order code) shall appear on the package and shall be of the following style:



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COMPONENT SPECIFICATION

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3. RATINGS.

3.1 MATERIALS.

| | |
|--------------------|---|
| Outer shell | Aluminium Alloy, Zinc with Black Chromate Coating |
| Inner contacts | Copper Alloy, Silver Finish |
| Insulator, grommet | Synthetic Rubber |

3.2 ENVIRONMENTAL CHARACTERISTICS.

| | |
|----------------------------|--|
| Operating Temperature: | -55°C to +125°C |
| Vibration sensitivity: | 10Hz to 500Hz, 98mm/s ² (10G) |
| Shock Severity: | 490m/s ² (50G) for 11ms |
| Water resistance (sealing) | 1.8m for 48 hours, exceeds IP67 |
| Durability | 500 Cycles MIN |

3.3 ELECTRICAL CHARACTERISTICS. .

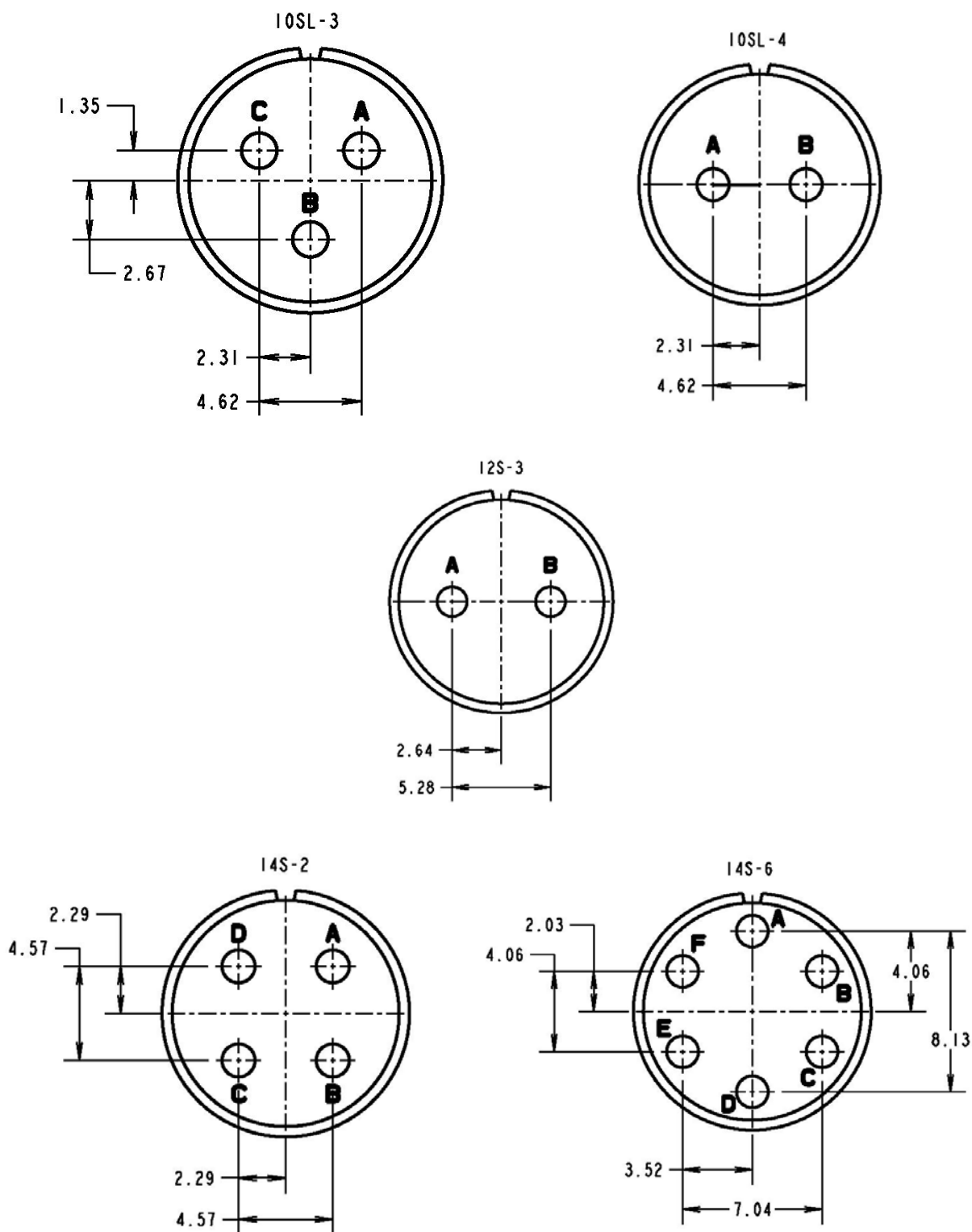
| | |
|------------------------|--|
| Current rating: | 13A |
| Voltage rating: | 10SL shell: 500V AC, 700V DC 12S shell: 500V AC, 700V DC 14S shell: 200V AC, 250V DC |
| Voltage Proof: | 10SL shell: 2,000V AC 12S shell: 2,000V AC 14S shell: 1,000V AC |
| Insulation Resistance: | 5,000 M Ω min |

COMPONENT SPECIFICATION

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4. CONTACT DETAILS.

4.1 MALE—FRONT VIEW.



COMPONENT SPECIFICATION

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4. CONTACT DETAILS.

4.2 FEMALE—FRONT VIEW.

