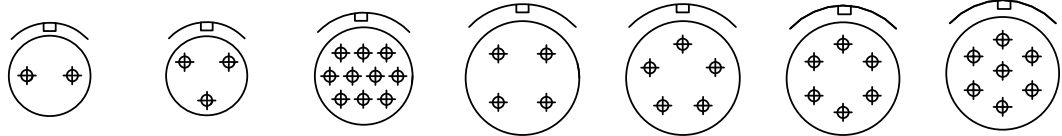




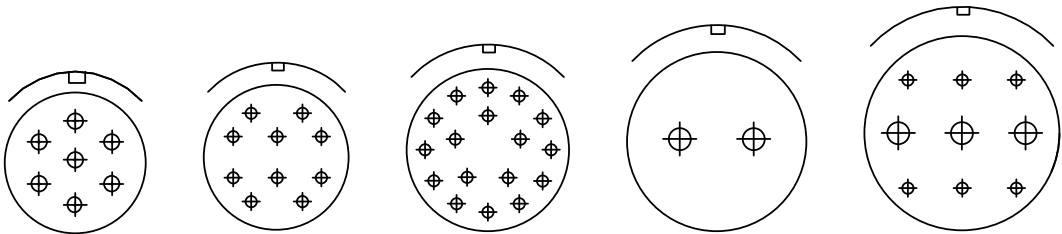
## Geo-Marine® MIL-DTL-5015 Type Connectors 257-003, 257-005, 257-007 and 257-012 Insert Arrangements and Specifications

(Face View of Pin Insert Shown)



<b>Insert Arrangement</b>	<b>10SL-4</b>	<b>10SL-3</b>	<b>12-10</b>	<b>14S-2</b>	<b>14S-5</b>	<b>14S-6</b>	<b>14S-7</b>
<b>Contact Size &amp; Quantity</b>	2 - #16	3 - #16	10 - #20	4 - #16	5 - #16	6 - #16	7 - #16
<b>MS Service Rating</b>	A	A	INST	INST	INST	INST	INST
<b>Alternative Position</b>	N/A	N/A	N/A	X & Y	X	N/A	N/A

(Face View of Pin Insert Shown)



<b>Insert Arrangement</b>	<b>16S-1</b>	<b>18-1</b>	<b>20-29</b>	<b>22-1</b>	<b>24-11</b>
<b>Contact Size &amp; Quantity</b>	7 - #16	10 - #16	17 - #16	2 - #8	6 - #12, 3 - #8
<b>MS Service Rating</b>	A	4A 6 INST	A	D	A
<b>Alternative Position</b>	W & Z	W, X, Y & Z	W & Z	N/A	W, X, Y & Z

### Connector Specifications

Barrel and Rear Accessory Hardware	Passivated Stainless Steel
Coupling Nut	Nickel/Aluminum/Bronze
Insulator, O-Ring, Grommet	Nitrile/Neoprene
Contacts	Gold Plated Copper Alloy with Solder Pots
Contact Current Rating	#20-7.5 Amps #16-13 Amps #12-23 Amps #8-43 Amps
Rated Operating Voltage	Service Rating INST - 250 VDC Service Rating A - 700 VDC
Dielectric Withstanding Voltage (Hi-Pot)	Service Rating INST - 1000 VRMS Service Rating A - 2000 VRMS
Insulation Resistance	5000 Megohms minimum at 500 VDC and +25°C
Temperature Range	-55°C to +125°C