

257-005 Stainless Steel Environmental Receptacle with Printed Circuit Contacts MIL-DTL-5015 Type

HOW TO ORDER:

EXAMPLE: 257 - 005 H 14S - 5 P W

PRODUCT SERIES 257 - 005

BASIC NO H 14S - 5

H = HERMETIC
OMIT FOR STD, SUBSTITUTE DASH

SHELL SIZE, TABLE I 14S - 5

INSERT ARRANGEMENT DASH NO. P

CONTACT STYLE : W

P = PIN
S = SOCKET (NON HERMETIC ONLY)

ALTERNATE INSERT POSITION, OMIT FOR NORMAL

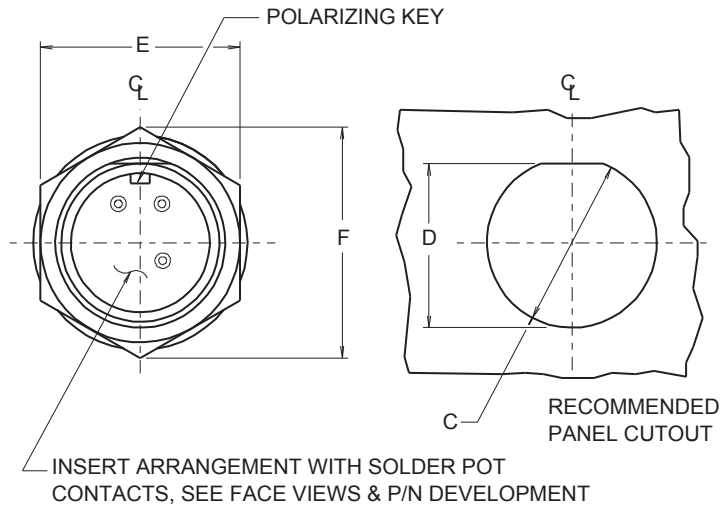
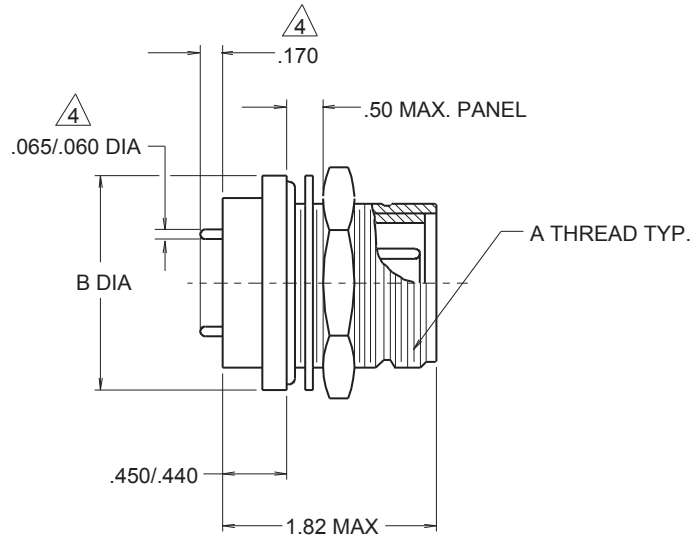


TABLE I: CONNECTOR DIMENSIONS

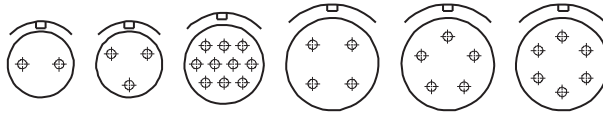
SHELL SIZE	A THREAD CLASS 2A	B DIA MAX	C DIA +.010 - .000 (+0.3 - 0)	D +.010 - .000 (+0.3 - 0)	E FLATS	F REF
10SL	5/8 -24 UNEF	1.03 (26.2)	.635 (16.1)	.585 (14.9)	.870 (22.1)	1.000 (25.4)
12	3/4 -20 UNEF	1.16 (29.5)	.760 (19.3)	.710 (18.0)	.995 (25.3)	1.125 (28.6)
14S	7/8 -20 UNEF	1.28 (32.5)	.885 (22.5)	.835 (21.2)	1.120 (28.4)	1.250 (31.8)
18	1 1/8 -18 UNEF	1.66 (42.2)	1.135 (28.8)	1.085 (27.6)	1.495 (38.0)	1.730 (43.9)
20	1 1/4 -18 UNEF	1.78 (45.2)	1.260 (32.0)	1.210 (30.7)	1.620 (41.1)	1.870 (47.5)
24	1 1/2 -18 UNEF	2.03 (51.6)	1.510 (38.4)	1.460 (37.1)	1.870 (47.5)	2.165 (55.0)
28	1 3/4 -18 UNEF	2.28 (57.9)	1.760 (44.7)	1.710 (43.4)	2.120 (53.8)	2.448 (62.2)

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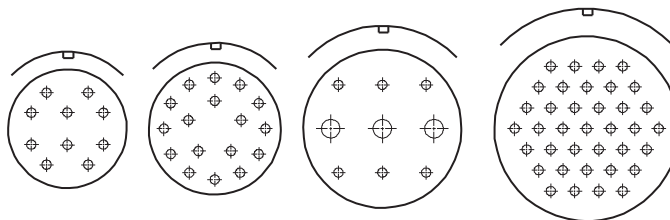


MIL-DTL-5015

INSERT ARRANGEMENTS
FACE VIEW OF PIN INSERT SHOWN



INSERT ARRANGEMENT:	10SL-4	10SL-3	12-10	14S-2	14S-5	14S-6
CONTACT SIZE & QUANTITY:	2 - #16	3 - #16	10 - #20	4 - #16	5 - #16	6 - #16
MS SERVICE RATING:	A	A	INST	INST	INST	INST



INSERT ARRANGEMENT:	18-1	20-29	24-11	28-21
CONTACT SIZE & QUANTITY:	10 - #16	17 - #16	6 - #12, 3 - #8	37 - #16
MS SERVICE RATING:	4A 6 INST	A	A	A

NOTES:

1. ASSEMBLY IDENTIFIED WITH MANUFACTURER'S NAME AND P/N, SPACE PERMITTING.
2. GLENAIR 257-005- CONNECTOR FEATURES :
 - A. SHELL: PASSIVATED STAINLESS STEEL
 - B. INSULATOR, O-RING, GROMMET: NITRILE/NEOPRENE HERMETIC INSULATOR: FULL GLASS
 - C. CONTACTS: GOLD PLATED COPPER ALLOY HERMETIC CONTACTS: ALLOY 52/GOLD PLATE
 - D. CONTACT CURRENT RATING: #20-5 AMPS, #16-10 AMPS, #12-17 AMPS, #8-35 AMPS.
 - E. RATED OPERATING VOLTAGE: SERVICE RATING INST - 250 VDC SERVICE RATING A - 700 V
 - F. DIELECTRIC W/STANDING VOLTAGE (HI-POT): SERVICE RATING INST - 1000 VRMS A - 2000
 - G. INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM AT 500 VDC AND +25AC
 - H. TEMPERATURE RANGE: -55AC TO +125AC
3. PERFORMANCE DATA (HERMETIC ONLY):
 - A. CONTACT CURRENT RATING: 20 AMPS MAX
 - B. RATED OPERATING VOLTAGE: 250 VDC
 - C. DIELECTRIC W/STANDING VOLTAGE (HI-POT): 1000 VRMS
 - D. INSULATION RESISTANCE: 5000 MEGOHMS MIN AT 500 VDC & +25AC
- ⚠ EXTENSION AND DIAMETER OF CONTACTS APPLY TO #16 CONTACTS ONLY, FOR OTHER SIZES, CONSULT FACTORY.
5. ELECTRICAL SAFETY LIMITS MUST BE ESTABLISHED BY THE USER
 PEAK VOLTAGES, SWITCHING SURGES, TRANSIENTS, ETC., SHOULD BE USED TO DETERMINE

Mouser Electronics

Authorized Distributor

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Glenair:

[257-005-10SL-3P](#) [257-005-14S-2P](#) [257-005-14S-5P](#) [257-005-14S-5S](#) [257-005-14S-6P](#)