

97E Environmental Series (continued)

Solder Type (continued)

Receptacles

No. of Contacts	Shell Size and Insert	97-3100E		97-3101E	
		EACH		EACH	
		1-9	10-49	1-9	10-49
15	28-17P	54.60	41.49	57.91	44.01
15	28-17S	58.00	44.08	61.31	46.59
12	28-18P	33.31	27.76	38.67	31.64
12	28-18S	45.41	34.52	48.72	37.03
14	28-2P	43.95	33.41	47.26	35.92
14	28-2S	46.23	35.12	49.54	37.64
14	28-20P	45.71	34.74	49.01	37.25
14	28-20S	40.21	33.51	52.49	39.89
37	28-21P	51.99	39.51	55.29	42.03
37	28-21S	48.10	39.35	60.65	46.09
3	28-6P	51.39	39.05	54.70	41.57
3	28-6S	56.28	42.78	59.59	45.29

Accessories

Sealing Plugs

Must be installed in the grommet for any holes where a wire is not installed. This will prevent moisture from entering through the grommet.

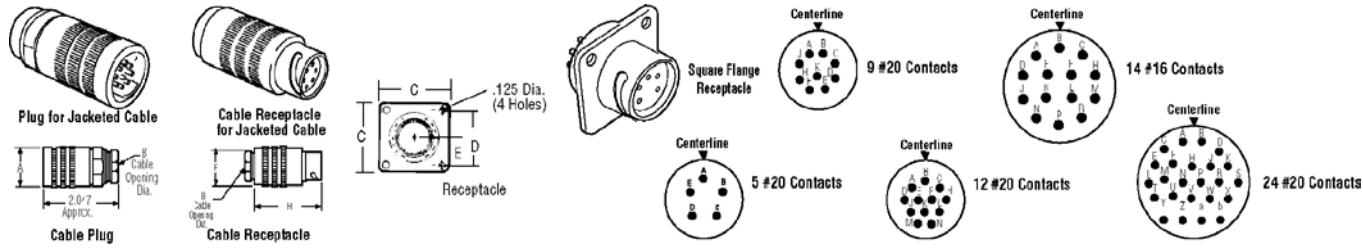
Stock No.	Mfr.'s Type	Contact Size	Connector Size	EACH	
				1-99	100-Up
714-4500	97-284-16	16	—	.33	.21
714-4502	97-284-12	12	—	.37	.28
714-4504	97-284-8	8	—	.40	.30

Flange Sealing Gaskets

Must be used between the bulkhead and the flange of the receptacle.

714-4510	10-40450-10	—	10SL	.12	.08
714-4512	10-40450-12	—	12, 12S	.12	.08
714-4514	10-40450-14	—	14, 14S	.29	.16
714-4516	10-40450-16	—	16, 16S	.17	.10
714-4518	10-40450-18	—	18	.12	.08
714-4520	10-40450-20	—	20	.38	.29
714-4522	10-40450-22	—	22	.40	.30
714-4524	10-40450-24	—	24	.30	.19
714-4526	10-40450-26	—	28	.66	.49
714-4528	10-40450-32	—	32	.60	.45
714-4530	10-40450-36	—	36	1.05	.80

Series 165 Miniature Standard Connectors



UL Approved recognition file E115497. Shell components are fabricated from high grade aluminum with gray anodized finish. Contacts are copper alloy — gold over nickel plate. Inserts are dialy phthalate. Connectors are factory sealed to prevent leakage. U-ring seals in both plugs and receptacles make connectors pressure proof and water protected when mated. The cable receptacles and cable plugs are for jacketed cable. Solder termination to contacts quick positive bayonet coupling. Note: Plugs mate with receptacles. If the selected plug has male (pin) contacts, the receptacle must have female (socket) contacts for the connectors to mate.

Dimensions (Inches)

Size	A	B	C	D	E	F	G	H
Small	0.891	0.375*	1.063	0.781	0.391	0.875	0.813	1.922
Large	1.141	0.656	1.313	0.969	0.484	1.125	1.063	1.938

*165-33 and 165-34 have cables opening of 0.281".

Small Shell-5 #20 Contacts

Stock No.	Mfr.'s Type	Amps/Volts*	Description	EACH	
				1-9	10-49
714-5570	165-33	7.5/600	Male Cable Plug	50.63	38.57
714-5573	165-34	7.5/600	Female Cable Plug	62.95	47.98
714-5576	165-35	7.5/600	Male Panel Receptacle	33.60	25.60
714-5579	165-36	7.5/600	Female Panel Receptacle	46.70	35.56
714-5582	165-35-1002	7.5/600	Male Cable Receptacle	59.02	48.90
714-5585	165-36-1003	7.5/600	Female Cable Receptacle	69.68	57.73

Small Shell-9 #20 Contacts

714-5526	165-13	7.5/500	Male Cable Plug	52.33	39.89
714-5529	165-14	7.5/500	Female Cable Plug	69.60	53.04
714-5532	165-15	7.5/500	Male Panel Receptacle	37.12	28.29
714-5535	165-16	7.5/500	Female Panel Receptacle	54.22	41.31
714-5538	165-15-1002	7.5/500	Male Cable Receptacle	63.84	52.83
714-5541	165-16-1003	7.5/500	Female Cable Receptacle	77.31	63.98

*At Sea Level.

Turn To Section 1 For Allied Office Addresses and Local Phone Numbers

ALLIED ► 431

No. of Contacts	Shell Size and Insert	Straight Plugs		Receptacles		Straight Plugs		
		97-3106E		97-3100E		97-3101E		
		EACH		EACH		EACH		
1-9	10-49	1-9	10-49	1-9	10-49	1-9	10-49	
28-17S	54.60	41.49	57.91	44.01	59.26	45.03	56.41	49.70
28-17S	58.00	44.08	61.31	46.59	55.85	42.44	64.13	49.70
28-18P	33.31	27.76	38.67	31.64	39.37	32.21	107.45	94.67
28-18S	45.41	34.52	48.72	37.03	36.63	29.97	117.17	90.11
28-2P	43.95	33.41	47.26	35.92	47.48	36.10	88.41	80.14
28-2S	46.23	35.12	49.54	37.64	45.22	34.37	111.21	95.81
28-20P	45.71	34.74	49.01	37.25	42.73	34.96	51.50	52.83
28-20S	40.21	33.51	52.49	39.89	41.19	33.70	67.76	61.14
28-21P	51.99	39.51	55.29	42.03	58.60	44.54	116.09	108.60
28-21S	48.10	39.35	60.65	46.09	53.26	40.48	152.75	142.59
28-6P	51.39							