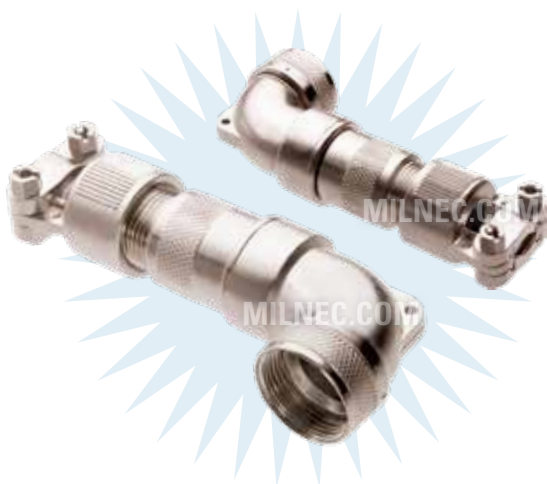


90° EMI/RFI Env. Backshell

TF Series • MIL-DTL-5015 Crimp Type Connectors



TFR4 - 009 N

- 1

2

3
- 1

2

3
- BASIC PART NUMBER**
TFR4 90° EMI/RFI env. backshell

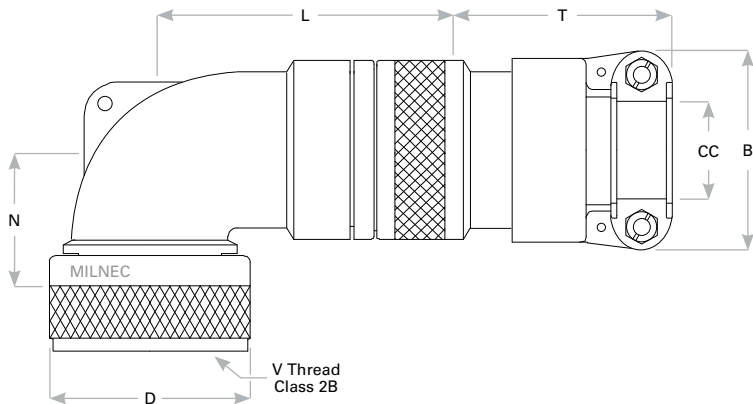
DASH NO.
See Backshell Dimensions table below

MATERIAL & FINISH
N Aluminum, electroless nickel
W Aluminum, olive drab cadmium

Note: See part builder (p. X-11) for additional kit options.

TFR4 Compatibility

Compatible Brands	Connectors
MIL-DTL-5015 Crimp	MS3400, MS3401, MS3404, MS3406, MS3496



Backshell Dimensions

Dash No.	Shell Size	V Thread Class 2B	N	T	D	B	L	CC Cable Clearance	
								Min	Max
004	10	.625-24 UNEF	.761 (19.3)	1.544 (39.2)	.730 (18.5)	.957 (24.3)	1.982 (50.3)	.125 (3.2)	.312 (7.9)
005	10	.625-24 UNEF	.761 (19.3)	1.544 (39.2)	.730 (18.5)	1.145 (29.1)	1.382 (35.1)	.250 (6.4)	.375 (9.5)
049	10	.625-24 UNEF	1.516 (38.5)	1.544 (39.2)	.730 (18.5)	1.145 (29.1)	2.002 (50.9)	.250 (6.4)	.437 (11.1)
006	12	.750-20 UNEF	.766 (19.5)	1.544 (39.2)	.860 (21.8)	.957 (24.3)	2.002 (50.9)	.125 (3.2)	.312 (7.9)
007	12	.750-20 UNEF	.766 (19.5)	1.544 (39.2)	.860 (21.8)	1.145 (29.1)	2.002 (50.9)	.250 (6.4)	.437 (11.1)
008	12	.750-20 UNEF	.766 (19.5)	1.844 (46.8)	.860 (21.8)	1.332 (33.8)	1.397 (35.5)	.350 (8.9)	.500 (12.7)
071	12	.750-20 UNEF	1.811 (46.0)	1.844 (46.8)	.860 (21.8)	1.332 (33.8)	2.162 (54.9)	.350 (8.9)	.625 (15.9)
074	14	.875-20 UNEF	.866 (22.0)	1.544 (39.2)	.980 (24.9)	.957 (24.3)	2.072 (52.6)	.125 (3.2)	.312 (7.9)
009	14	.875-20 UNEF	.866 (22.0)	1.544 (39.2)	.980 (24.9)	1.145 (29.1)	2.072 (52.6)	.250 (6.4)	.437 (11.1)
010	14	.875-20 UNEF	.866 (22.0)	1.844 (46.8)	.980 (24.9)	1.332 (33.8)	1.717 (43.6)	.350 (8.9)	.575 (14.6)
050	14	.875-20 UNEF	1.891 (48.0)	1.916 (48.7)	.980 (24.9)	1.551 (39.4)	2.332 (59.2)	.500 (12.7)	.750 (19.1)

Dimensions are in inches (mm).

(Continued on next page)

Rev. 1718



Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	V Thread Class 2B	N	T	D	B	L	CC Cable Clearance	
								Min	Max
075	16	1.000-20 UNEF	1.051 (26.7)	1.544 (39.2)	1.110 (28.2)	.957 (24.3)	2.162 (54.9)	.125 (3.2)	.312 (7.9)
011	16	1.000-20 UNEF	1.051 (26.7)	1.544 (39.2)	1.110 (28.2)	1.145 (29.1)	2.162 (54.9)	.250 (6.4)	.437 (11.1)
040	16	1.000-20 UNEF	1.051 (26.7)	1.844 (46.8)	1.110 (28.2)	1.332 (33.8)	2.162 (54.9)	.350 (8.9)	.625 (15.9)
012	16	1.000-20 UNEF	1.051 (26.7)	1.916 (48.7)	1.110 (28.2)	1.551 (39.4)	1.807 (45.9)	.500 (12.7)	.700 (17.8)
051	16	1.000-20 UNEF	2.041 (51.8)	2.000 (50.8)	1.110 (28.2)	1.770 (45.0)	2.442 (62.0)	.625 (15.9)	.937 (23.8)
041	18	1.062-18 UNEF	1.141 (29.0)	1.544 (39.2)	1.220 (31.0)	.957 (24.3)	2.332 (59.2)	.125 (3.2)	.312 (7.9)
042	18	1.062-18 UNEF	1.141 (29.0)	1.544 (39.2)	1.220 (31.0)	1.145 (29.1)	2.332 (59.2)	.250 (6.4)	.437 (11.1)
013	18	1.062-18 UNEF	1.141 (29.0)	1.844 (46.8)	1.220 (31.0)	1.332 (33.8)	2.332 (59.2)	.350 (8.9)	.625 (15.9)
052	18	1.062-18 UNEF	1.141 (29.0)	1.916 (48.7)	1.220 (31.0)	1.551 (39.4)	2.332 (59.2)	.500 (12.7)	.750 (19.1)
014	18	1.062-18 UNEF	1.141 (29.0)	2.000 (50.8)	1.220 (31.0)	1.770 (45.0)	1.982 (50.3)	.625 (15.9)	.779 (19.8)
072	18	1.062-18 UNEF	2.051 (52.1)	2.000 (50.8)	1.220 (31.0)	1.770 (45.0)	2.442 (62.0)	.625 (15.9)	.937 (23.8)
043	20	1.188-18 UNEF	1.141 (29.0)	1.544 (39.2)	1.340 (34.0)	1.145 (29.1)	2.332 (59.2)	.250 (6.4)	.437 (11.1)
015	20	1.188-18 UNEF	1.141 (29.0)	1.844 (46.8)	1.340 (34.0)	1.332 (33.8)	2.332 (59.2)	.350 (8.9)	.625 (15.9)
054	20	1.188-18 UNEF	1.141 (29.0)	1.916 (48.7)	1.340 (34.0)	1.551 (39.4)	2.332 (59.2)	.500 (12.7)	.750 (19.1)
016	20	1.188-18 UNEF	1.141 (29.0)	2.000 (50.8)	1.340 (34.0)	1.770 (45.0)	1.982 (50.3)	.625 (15.9)	.904 (23.0)
055	20	1.188-18 UNEF	2.141 (54.4)	2.230 (56.6)	1.340 (34.0)	2.113 (53.7)	2.612 (66.3)	.875 (22.2)	1.250 (31.8)
044	22	1.313-18 UNEF	1.291 (32.8)	1.544 (39.2)	1.470 (37.3)	.957 (24.3)	2.442 (62.0)	.125 (3.2)	.312 (7.9)
045	22	1.313-18 UNEF	1.291 (32.8)	1.544 (39.2)	1.470 (37.3)	1.145 (29.1)	2.442 (62.0)	.250 (6.4)	.437 (11.1)
056	22	1.313-18 UNEF	1.291 (32.8)	1.844 (46.8)	1.470 (37.3)	1.332 (33.8)	2.442 (62.0)	.350 (8.9)	.625 (15.9)
017	22	1.313-18 UNEF	1.291 (32.8)	1.916 (48.7)	1.470 (37.3)	1.551 (39.4)	2.442 (62.0)	.500 (12.7)	.750 (19.1)
057	22	1.313-18 UNEF	1.291 (32.8)	2.000 (50.8)	1.470 (37.3)	1.770 (45.0)	2.442 (62.0)	.625 (15.9)	.937 (23.8)
018	22	1.313-18 UNEF	1.291 (32.8)	2.230 (56.6)	1.470 (37.3)	2.113 (53.7)	2.087 (53.0)	.875 (22.2)	1.029 (26.1)
058	22	1.313-18 UNEF	2.141 (54.4)	2.230 (56.6)	1.470 (37.3)	2.113 (53.7)	2.612 (66.3)	.875 (22.2)	1.250 (31.8)
046	24	1.438-18 UNEF	1.291 (32.8)	1.844 (46.8)	1.590 (40.4)	1.332 (33.8)	2.442 (62.0)	.350 (8.9)	.625 (15.9)
019	24	1.438-18 UNEF	1.291 (32.8)	1.916 (48.7)	1.590 (40.4)	1.551 (39.4)	2.442 (62.0)	.500 (12.7)	.750 (19.1)
059	24	1.438-18 UNEF	1.291 (32.8)	2.000 (50.8)	1.590 (40.4)	1.770 (45.0)	2.442 (62.0)	.625 (15.9)	.937 (23.8)
020	24	1.438-18 UNEF	1.291 (32.8)	2.230 (56.6)	1.590 (40.4)	2.113 (53.7)	2.087 (53.0)	.875 (22.2)	1.144 (29.1)
073	24	1.438-18 UNEF	2.151 (54.6)	2.230 (56.6)	1.590 (40.4)	2.116 (53.7)	2.612 (66.3)	.875 (22.2)	1.250 (31.8)
060	28	1.750-18 UNS	1.391 (35.3)	1.916 (48.7)	1.970 (50.0)	1.551 (39.4)	2.612 (66.3)	.500 (12.7)	.750 (19.1)
021	28	1.750-18 UNS	1.391 (35.3)	2.000 (50.8)	1.970 (50.0)	1.770 (45.0)	2.612 (66.3)	.625 (15.9)	.937 (23.8)
061	28	1.750-18 UNS	1.391 (35.3)	2.230 (56.6)	1.970 (50.0)	2.113 (53.7)	2.612 (66.3)	.875 (22.2)	1.250 (31.8)
022	28	1.750-18 UNS	1.391 (35.3)	2.024 (51.4)	1.970 (50.0)	2.363 (60.0)	2.257 (57.3)	1.000 (25.4)	1.375 (34.9)
023	32	2.000-18 UNS	1.741 (44.2)	2.000 (50.8)	2.220 (56.4)	1.770 (45.0)	2.862 (72.7)	.625 (15.9)	.937 (23.8)
024	32	2.000-18 UNS	1.741 (44.2)	2.230 (56.6)	2.220 (56.4)	2.113 (53.7)	2.862 (72.7)	.875 (22.2)	1.250 (31.8)
062	32	2.000-18 UNS	1.741 (44.2)	2.024 (51.4)	2.220 (56.4)	2.363 (60.0)	2.862 (72.7)	1.000 (25.4)	1.375 (34.9)
025	32	2.000-18 UNS	1.741 (44.2)	2.550 (64.8)	2.220 (56.4)	2.770 (70.4)	2.507 (63.7)	1.250 (31.8)	1.625 (41.3)
047	36	2.250-16 UN	1.941 (49.3)	1.916 (48.7)	2.470 (62.7)	1.551 (39.4)	2.832 (71.9)	.500 (12.7)	.750 (19.1)
026	36	2.250-16 UN	1.941 (49.3)	2.000 (50.8)	2.470 (62.7)	1.770 (45.0)	2.832 (71.9)	.625 (15.9)	.937 (23.8)
063	36	2.250-16 UN	1.941 (49.3)	2.230 (56.6)	2.470 (62.7)	2.113 (53.7)	2.832 (71.9)	.875 (22.2)	1.250 (31.8)
027	36	2.250-16 UN	1.941 (49.3)	2.024 (51.4)	2.470 (62.7)	2.363 (60.0)	2.832 (71.9)	1.000 (25.4)	1.375 (34.9)
064	36	2.250-16 UN	1.941 (49.3)	2.550 (64.8)	2.470 (62.7)	2.770 (70.4)	2.832 (71.9)	1.250 (31.8)	1.625 (41.3)
028	36	2.250-16 UN	1.941 (49.3)	2.600 (66.0)	2.470 (62.7)	3.020 (76.7)	2.477 (62.9)	1.437 (36.5)	1.840 (46.7)

Dimensions are in inches (mm).