

45° Environmental Backshell

TF Series • MIL-DTL-5015 Crimp Type Connectors



TFE3 - 009 N

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- BASIC PART NUMBER**
TFE3 45° environmental backshell
- DASH NO.**
See Backshell Dimensions table below
- MATERIAL & FINISH**

N

W

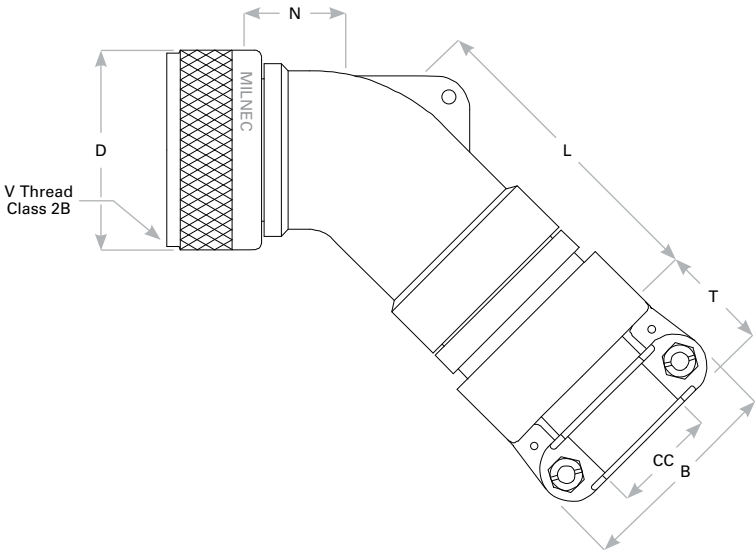
Aluminum, electroless nickel

Aluminum, olive drab cadmium

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

TFE3 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	.688 (17.5)	1.027 (26.1)	.734 (18.6)	.957 (24.3)	1.912 (48.6)	.125 (3.2)	.312 (7.9)
005	10	.625-24 UNEF	.688 (17.5)	1.027 (26.1)	.734 (18.6)	1.145 (29.1)	1.307 (33.2)	.250 (6.4)	.375 (9.5)
049	10	.625-24 UNEF	1.500 (38.1)	1.027 (26.1)	.734 (18.6)	1.145 (29.1)	1.972 (50.1)	.250 (6.4)	.437 (11.1)
006	12	.750-20 UNEF	.750 (19.1)	1.027 (26.1)	.858 (21.8)	.957 (24.3)	1.972 (50.1)	.125 (3.2)	.312 (7.9)
007	12	.750-20 UNEF	.750 (19.1)	1.027 (26.1)	.858 (21.8)	1.145 (29.1)	1.972 (50.1)	.250 (6.4)	.437 (11.1)
008	12	.750-20 UNEF	.750 (19.1)	1.027 (26.1)	.858 (21.8)	1.332 (33.8)	1.972 (50.1)	.350 (8.9)	.500 (12.7)
071	12	.750-20 UNEF	1.654 (42.0)	1.027 (26.1)	.858 (21.8)	1.332 (33.8)	2.173 (55.2)	.350 (8.9)	.625 (15.9)

Dimensions are in inches (mm).

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Rev. 1806

Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	V Thread Class 2B	N	T	D	B	L	CC Cable Clearance	
								Min	Max
074	14	.875-20 UNEF	.812 (20.6)	1.027 (26.1)	.984 (25.0)	.957 (24.3)	2.062 (52.4)	.125 (3.2)	.312 (7.9)
009	14	.875-20 UNEF	.812 (20.6)	1.027 (26.1)	.984 (25.0)	1.145 (29.1)	2.062 (52.4)	.250 (6.4)	.437 (11.1)
010	14	.875-20 UNEF	.812 (20.6)	1.027 (26.1)	.984 (25.0)	1.332 (33.8)	1.717 (43.6)	.350 (8.9)	.575 (14.6)
050	14	.875-20 UNEF	1.842 (46.8)	1.059 (26.9)	.984 (25.0)	1.551 (39.4)	2.362 (60.0)	.500 (12.7)	.750 (19.1)
075	16	1.000-20 UNEF	.906 (23.0)	1.027 (26.1)	1.112 (28.2)	.957 (24.3)	2.172 (55.2)	.125 (3.2)	.312 (7.9)
011	16	1.000-20 UNEF	.906 (23.0)	1.027 (26.1)	1.112 (28.2)	1.145 (29.1)	2.172 (55.2)	.250 (6.4)	.437 (11.1)
040	16	1.000-20 UNEF	.906 (23.0)	1.027 (26.1)	1.112 (28.2)	1.332 (33.8)	2.172 (55.2)	.350 (8.9)	.625 (15.9)
012	16	1.000-20 UNEF	.906 (23.0)	1.059 (26.9)	1.112 (28.2)	1.551 (39.4)	1.812 (46.0)	.500 (12.7)	.700 (17.8)
051	16	1.000-20 UNEF	1.938 (49.2)	1.156 (29.4)	1.112 (28.2)	1.770 (45.0)	2.512 (63.8)	.625 (15.9)	.937 (23.8)
041	18	1.062-18 UNEF	1.093 (27.8)	1.027 (26.1)	1.218 (30.9)	.957 (24.3)	2.362 (60.0)	.125 (3.2)	.312 (7.9)
042	18	1.062-18 UNEF	1.093 (27.8)	1.027 (26.1)	1.218 (30.9)	1.145 (29.1)	2.362 (60.0)	.250 (6.4)	.437 (11.1)
013	18	1.062-18 UNEF	1.093 (27.8)	1.027 (26.1)	1.218 (30.9)	1.332 (33.8)	2.362 (60.0)	.350 (8.9)	.625 (15.9)
052	18	1.062-18 UNEF	1.093 (27.8)	1.059 (26.9)	1.218 (30.9)	1.551 (39.4)	2.362 (60.0)	.500 (12.7)	.750 (19.1)
014	18	1.062-18 UNEF	1.093 (27.8)	1.156 (29.4)	1.218 (30.9)	1.770 (45.0)	2.000 (50.8)	.625 (15.9)	.779 (19.8)
072	18	1.062-18 UNEF	1.938 (49.2)	1.156 (29.4)	1.218 (30.9)	1.770 (45.0)	2.512 (63.8)	.625 (15.9)	.937 (23.8)
043	20	1.188-18 UNEF	1.093 (27.8)	1.027 (26.1)	1.345 (34.2)	1.145 (29.1)	2.362 (60.0)	.250 (6.4)	.437 (11.1)
015	20	1.188-18 UNEF	1.093 (27.8)	1.027 (26.1)	1.345 (34.2)	1.332 (33.8)	2.362 (60.0)	.350 (8.9)	.625 (15.9)
054	20	1.188-18 UNEF	1.093 (27.8)	1.059 (26.9)	1.345 (34.2)	1.551 (39.4)	2.362 (60.0)	.500 (12.7)	.750 (19.1)
016	20	1.188-18 UNEF	1.093 (27.8)	1.156 (29.4)	1.345 (34.2)	1.770 (45.0)	2.000 (50.8)	.625 (15.9)	.904 (23.0)
055	20	1.188-18 UNEF	2.061 (52.3)	1.375 (34.9)	1.345 (34.2)	2.113 (53.7)	2.562 (65.1)	.875 (22.2)	1.250 (31.8)
044	22	1.313-18 UNEF	1.188 (30.2)	1.027 (26.1)	1.468 (37.3)	.957 (24.3)	2.512 (63.8)	.125 (3.2)	.312 (7.9)
045	22	1.313-18 UNEF	1.188 (30.2)	1.027 (26.1)	1.468 (37.3)	1.145 (29.1)	2.512 (63.8)	.250 (6.4)	.437 (11.1)
056	22	1.313-18 UNEF	1.188 (30.2)	1.027 (26.1)	1.468 (37.3)	1.332 (33.8)	2.512 (63.8)	.350 (8.9)	.625 (15.9)
017	22	1.313-18 UNEF	1.188 (30.2)	1.059 (26.9)	1.468 (37.3)	1.551 (39.4)	2.512 (63.8)	.500 (12.7)	.750 (19.1)
057	22	1.313-18 UNEF	1.188 (30.2)	1.156 (29.4)	1.468 (37.3)	1.770 (45.0)	2.512 (63.8)	.625 (15.9)	.937 (23.8)
018	22	1.313-18 UNEF	1.188 (30.2)	1.375 (34.9)	1.468 (37.3)	2.113 (53.7)	2.155 (54.7)	.875 (22.2)	1.029 (26.1)
058	22	1.313-18 UNEF	2.061 (52.3)	1.375 (34.9)	1.468 (37.3)	2.113 (53.7)	2.562 (65.1)	.875 (22.2)	1.250 (31.8)
046	24	1.438-18 UNEF	1.188 (30.2)	1.027 (26.1)	1.593 (40.5)	1.332 (33.8)	2.512 (63.8)	.350 (8.9)	.625 (15.9)
019	24	1.438-18 UNEF	1.188 (30.2)	1.059 (26.9)	1.593 (40.5)	1.551 (39.4)	2.512 (63.8)	.500 (12.7)	.750 (19.1)
059	24	1.438-18 UNEF	1.188 (30.2)	1.156 (29.4)	1.593 (40.5)	1.770 (45.0)	2.512 (63.8)	.625 (15.9)	.937 (23.8)
020	24	1.438-18 UNEF	1.188 (30.2)	1.375 (34.9)	1.593 (40.5)	2.113 (53.7)	2.155 (54.7)	.875 (22.2)	1.144 (29.1)
073	24	1.438-18 UNEF	2.061 (52.3)	1.375 (34.9)	1.593 (40.5)	2.113 (53.7)	2.562 (65.1)	.875 (22.2)	1.250 (31.8)
060	28	1.750-18 UNS	1.312 (33.3)	1.059 (26.9)	1.969 (50.0)	1.551 (39.4)	2.562 (65.1)	.500 (12.7)	.750 (19.1)
021	28	1.750-18 UNS	1.312 (33.3)	1.156 (29.4)	1.969 (50.0)	1.770 (45.0)	2.562 (65.1)	.625 (15.9)	.937 (23.8)
061	28	1.750-18 UNS	1.312 (33.3)	1.375 (34.9)	1.969 (50.0)	2.113 (53.7)	2.562 (65.1)	.875 (22.2)	1.250 (31.8)
022	28	1.750-18 UNS	1.312 (33.3)	1.500 (38.1)	1.969 (50.0)	2.363 (60.0)	2.218 (56.3)	1.000 (25.4)	1.375 (34.9)
023	32	2.000-18 UNS	1.375 (34.9)	1.156 (29.4)	2.219 (56.4)	1.770 (45.0)	2.662 (67.6)	.625 (15.9)	.937 (23.8)
024	32	2.000-18 UNS	1.375 (34.9)	1.375 (34.9)	2.219 (56.4)	2.113 (53.7)	2.662 (67.6)	.875 (22.2)	1.250 (31.8)
062	32	2.000-18 UNS	1.375 (34.9)	1.500 (38.1)	2.219 (56.4)	2.363 (60.0)	2.662 (67.6)	1.000 (25.4)	1.375 (34.9)
025	32	2.000-18 UNS	1.375 (34.9)	1.781 (45.2)	2.219 (56.4)	2.770 (70.4)	2.312 (58.7)	1.250 (31.8)	1.625 (41.3)
047	36	2.250-16 UN	1.406 (35.7)	1.059 (26.9)	2.469 (62.7)	1.551 (39.4)	2.752 (69.9)	.500 (12.7)	.750 (19.1)
026	36	2.250-16 UN	1.406 (35.7)	1.156 (29.4)	2.469 (62.7)	1.770 (45.0)	2.752 (69.9)	.625 (15.9)	.937 (23.8)
063	36	2.250-16 UN	1.406 (35.7)	1.375 (34.9)	2.469 (62.7)	2.113 (53.7)	2.752 (69.9)	.875 (22.2)	1.250 (31.8)
027	36	2.250-16 UN	1.406 (35.7)	1.500 (38.1)	2.469 (62.7)	2.363 (60.0)	2.752 (69.9)	1.000 (25.4)	1.375 (34.9)
064	36	2.250-16 UN	1.406 (35.7)	1.781 (45.2)	2.469 (62.7)	2.770 (70.4)	2.752 (69.9)	1.250 (31.8)	1.625 (41.3)
028	36	2.250-16 UN	1.406 (35.7)	1.830 (46.5)	2.469 (62.7)	3.020 (76.7)	2.406 (61.1)	1.437 (36.5)	1.840 (46.7)

Dimensions are in inches (mm).