MS3408DJ Type Connector & Backshell

TF Series • MIL-DTL-5015 Crimp Type Connectors



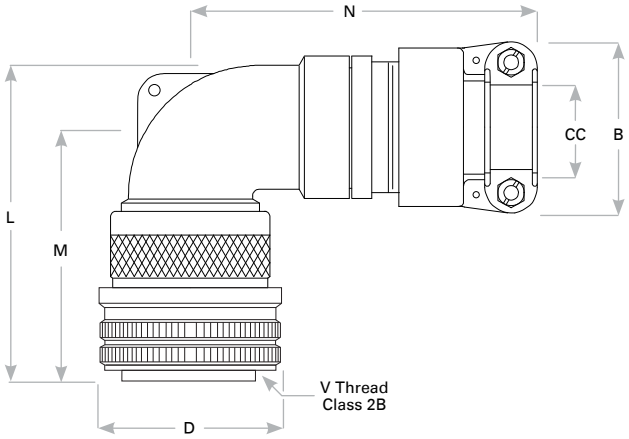
TF08 Compatibility

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

TF08 DJ 28-12 P N - E4(055) - 01

1 2 3 4 5 6 7

1. **BASIC PART NUMBER**
   - **TF08** Plug with 90° backshell
2. **MATERIAL & FINISH**
   - **DJ** Aluminum, cadmium over nickel
3. **SHELL SIZE & INSERT ARRANGEMENT**
   - See Insert Arrangement Selection table, p. X-12
4. **CONTACT STYLE**
   - **P** Pin
   - **S** Socket
   - **D** Pin (wire reducing, size #16 & #12 only)
   - **F** Socket (wire reducing, size #16 & #12 only)
5. **INSERT ROTATION**
   - **N** Normal or W, X, Y, Z, see p. X-12 for availability
6. **BACKSHELL KIT** (OMIT FOR NONE)
   - **E4( )** 90° environmental
   - (Add dash number from table below)
7. **OPTIONAL ACCESSORY KIT** (OMIT FOR NONE)
   - **01** Protective cover



Dimensions

Assembly No.	Milnec Part No.	V Thread Class 2B	D Max	B Max	L Max	M Max	N Max	CC Cable Clearnace	
								Min	Max
MS3408DJ 10Axx	TF08DJ10Sxx-E4(004)	.625-24 UNEF	.969 (24.6)	.957 (24.3)	3.000 (76.2)	2.500 (63.5)	3.125 (79.4)	.125 (3.2)	.312 (7.9)
MS3408DJ 10Bxx	TF08DJ10Sxx-E4(049)	.625-24 UNEF	.969 (24.6)	1.145 (29.1)	3.812 (96.8)	3.250 (82.6)	3.125 (79.4)	.250 (6.4)	.437 (11.1)
MS3408DJ 10Dxx	TF08DJ10Sxx-E4(005)	.625-24 UNEF	.969 (24.6)	1.145 (29.1)	3.062 (77.8)	2.500 (63.5)	2.500 (63.5)	.250 (6.4)	.375 (9.5)
MS3408DJ 11Axx	TF08DJ10SLxx-E4(004)	.625-24 UNEF	.969 (24.6)	.957 (24.3)	3.000 (76.2)	2.500 (63.5)	3.125 (79.4)	.125 (3.2)	.312 (7.9)
MS3408DJ 11Bxx	TF08DJ10SLxx-E4(049)	.625-24 UNEF	.969 (24.6)	1.145 (29.1)	3.812 (96.8)	3.250 (82.6)	3.125 (79.4)	.250 (6.4)	.437 (11.1)
MS3408DJ 11Dxx	TF08DJ10SLxx-E4(005)	.625-24 UNEF	.969 (24.6)	1.145 (29.1)	3.062 (77.8)	2.500 (63.5)	2.500 (63.5)	.250 (6.4)	.375 (9.5)
MS3408DJ 12Axx	TF08DJ12xx-E4(006)	.750-20 UNEF	1.062 (27.0)	.957 (24.3)	3.000 (76.2)	2.500 (63.5)	3.125 (79.4)	.125 (3.2)	.312 (7.9)
MS3408DJ 12Bxx	TF08DJ12xx-E4(071)	.750-20 UNEF	1.062 (27.0)	1.332 (33.8)	4.188 (106.4)	3.562 (90.5)	3.312 (84.1)	.350 (8.9)	.625 (15.9)
MS3408DJ 12Dxx	TF08DJ12xx-E4(008)	.750-20 UNEF	1.062 (27.0)	1.332 (33.8)	3.188 (81.0)	2.500 (63.5)	2.500 (63.5)	.350 (8.9)	.500 (12.7)
MS3408DJ 12Exx	TF08DJ12xx-E4(007)	.750-20 UNEF	1.062 (27.0)	1.145 (29.1)	3.062 (77.8)	2.500 (63.5)	3.125 (79.4)	.250 (6.4)	.437 (11.1)

Dimensions are in inches (mm).

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Dimensions (Continued from previous page)

Assembly No.	Milnec Part No.	V Thread Class 2B	D Max	B Max	L Max	M Max	N Max	CC Cable Clearance	
								Min	Max
MS3408DJ 13Axx	TF08DJ12Sxx-E4(006)	.750-20 UNEF	1.062 (27.0)	.957 (24.3)	3.000 (76.2)	2.500 (63.5)	3.125 (79.4)	.125 (3.2)	.312 (7.9)
MS3408DJ 13Bxx	TF08DJ12Sxx-E4(071)	.750-20 UNEF	1.062 (27.0)	1.332 (33.8)	4.188 (106.4)	3.562 (90.5)	3.312 (84.1)	.350 (8.9)	.625 (15.9)
MS3408DJ 13Dxx	TF08DJ12Sxx-E4(008)	.750-20 UNEF	1.062 (27.0)	1.332 (33.8)	3.188 (81.0)	2.500 (63.5)	2.500 (63.5)	.350 (8.9)	.500 (12.7)
MS3408DJ 13Exx	TF08DJ12Sxx-E4(007)	.750-20 UNEF	1.062 (27.0)	1.145 (29.1)	3.062 (77.8)	2.500 (63.5)	3.125 (79.4)	.250 (6.4)	.437 (11.1)
MS3408DJ 14Axx	TF08DJ14xx-E4(009)	.875-20 UNEF	1.156 (29.4)	1.145 (29.1)	3.188 (81.0)	2.688 (68.3)	3.188 (81.0)	.250 (6.4)	.437 (11.1)
MS3408DJ 14Bxx	TF08DJ14xx-E4(050)	.875-20 UNEF	1.156 (29.4)	1.551 (39.4)	4.375 (111.1)	3.625 (92.1)	3.500 (88.9)	.500 (12.7)	.750 (19.1)
MS3408DJ 14Dxx	TF08DJ14xx-E4(010)	.875-20 UNEF	1.156 (29.4)	1.332 (33.8)	3.250 (82.6)	2.688 (68.3)	2.812 (71.4)	.350 (8.9)	.575 (14.6)
MS3408DJ 14Exx	TF08DJ14xx-E4(074)	.875-20 UNEF	1.156 (29.4)	.957 (24.3)	3.125 (79.4)	2.625 (66.8)	3.188 (81.0)	.125 (3.2)	.312 (7.9)
MS3408DJ 15Axx	TF08DJ14Sxx-E4(009)	.875-20 UNEF	1.156 (29.4)	1.145 (29.1)	3.188 (81.0)	2.688 (68.3)	3.188 (81.0)	.250 (6.4)	.437 (11.1)
MS3408DJ 15Bxx	TF08DJ14Sxx-E4(050)	.875-20 UNEF	1.156 (29.4)	1.551 (39.4)	4.375 (111.1)	3.625 (92.1)	3.500 (88.9)	.500 (12.7)	.750 (19.1)
MS3408DJ 15Dxx	TF08DJ14Sxx-E4(010)	.875-20 UNEF	1.156 (29.4)	1.332 (33.8)	3.250 (82.6)	2.688 (68.3)	2.812 (71.4)	.350 (8.9)	.575 (14.6)
MS3408DJ 15Exx	TF08DJ14Sxx-E4(074)	.875-20 UNEF	1.156 (29.4)	.957 (24.3)	3.125 (79.4)	2.625 (66.8)	3.188 (81.0)	.125 (3.2)	.312 (7.9)
MS3408DJ 16Axx	TF08DJ16xx-E4(012)	1.000-20 UNEF	1.250 (31.8)	1.551 (39.4)	3.562 (90.5)	2.812 (71.4)	2.938 (74.6)	.500 (12.7)	.700 (17.8)
MS3408DJ 16Bxx	TF08DJ16xx-E4(051)	1.000-20 UNEF	1.250 (31.8)	1.770 (45.0)	4.688 (119.1)	3.750 (95.3)	3.688 (93.7)	.625 (15.9)	.937 (23.8)
MS3408DJ 16Dxx	TF08DJ16xx-E4(011)	1.000-20 UNEF	1.250 (31.8)	1.145 (29.1)	3.375 (85.7)	2.812 (71.4)	3.312 (84.1)	.250 (6.4)	.437 (11.1)
MS3408DJ 16Exx	TF08DJ16xx-E4(040)	1.000-20 UNEF	1.250 (31.8)	1.332 (33.8)	3.438 (87.3)	2.812 (71.4)	3.312 (84.1)	.350 (8.9)	.625 (15.9)
MS3408DJ 17Axx	TF08DJ16Sxx-E4(012)	1.000-20 UNEF	1.250 (31.8)	1.551 (39.4)	3.562 (90.5)	2.812 (71.4)	2.938 (74.6)	.500 (12.7)	.700 (17.8)
MS3408DJ 17Bxx	TF08DJ16Sxx-E4(051)	1.000-20 UNEF	1.250 (31.8)	1.770 (45.0)	4.688 (119.1)	3.750 (95.3)	3.688 (93.7)	.625 (15.9)	.937 (23.8)
MS3408DJ 17Dxx	TF08DJ16Sxx-E4(011)	1.000-20 UNEF	1.250 (31.8)	1.145 (29.1)	3.375 (85.7)	2.812 (71.4)	3.312 (84.1)	.250 (6.4)	.437 (11.1)
MS3408DJ 17Exx	TF08DJ16Sxx-E4(040)	1.000-20 UNEF	1.250 (31.8)	1.332 (33.8)	3.438 (87.3)	2.812 (71.4)	3.312 (84.1)	.350 (8.9)	.625 (15.9)
MS3408DJ 18Axx	TF08DJ18xx-E4(013)	1.000-20 UNEF	1.344 (34.1)	1.332 (33.8)	3.625 (92.1)	2.875 (73.0)	3.438 (87.3)	.350 (8.9)	.625 (15.9)
MS3408DJ 18Bxx	TF08DJ18xx-E4(052)	1.000-20 UNEF	1.344 (34.1)	1.551 (39.4)	3.625 (92.1)	2.875 (73.0)	3.500 (88.9)	.500 (12.7)	.750 (19.1)
MS3408DJ 18Exx	TF08DJ18xx-E4(041)	1.062-18 UNEF	1.344 (34.1)	.957 (24.3)	3.625 (92.1)	2.875 (73.0)	3.438 (87.3)	.125 (3.2)	.312 (7.9)
MS3408DJ 18Fxx	TF08DJ18xx-E4(042)	1.062-18 UNEF	1.344 (34.1)	1.145 (29.1)	3.625 (92.1)	2.875 (73.0)	3.438 (87.3)	.250 (6.4)	.437 (11.1)
MS3408DJ 20Axx	TF08DJ20xx-E4(015)	1.062-18 UNEF	1.469 (37.3)	1.332 (33.8)	3.625 (92.1)	2.875 (73.0)	3.438 (87.3)	.350 (8.9)	.625 (15.9)
MS3408DJ 20Bxx	TF08DJ20xx-E4(054)	1.062-18 UNEF	1.469 (37.3)	1.551 (39.4)	3.625 (92.1)	2.875 (73.0)	3.500 (88.9)	.500 (12.7)	.750 (19.1)
MS3408DJ 20Exx	TF08DJ20xx-E4(055)	1.062-18 UNEF	1.469 (37.3)	2.113 (53.7)	4.938 (125.4)	3.875 (98.4)	4.062 (103.2)	.875 (22.2)	1.250 (31.8)
MS3408DJ 20Fxx	TF08DJ20xx-E4(043)	1.062-18 UNEF	1.469 (37.3)	1.145 (29.1)	3.625 (92.1)	2.875 (73.0)	3.438 (87.3)	.250 (6.4)	.437 (11.1)
MS3408DJ 20Gxx	TF08DJ20xx-E4(016)	1.062-18 UNEF	1.469 (37.3)	1.770 (45.0)	3.750 (95.3)	2.875 (73.0)	3.250 (82.6)	.625 (15.9)	.904 (23.0)
MS3408DJ 22Axx	TF08DJ22xx-E4(056)	1.062-18 UNEF	1.594 (40.5)	1.332 (33.8)	3.875 (98.4)	3.000 (76.2)	3.562 (90.5)	.350 (8.9)	.625 (15.9)
MS3408DJ 22Bxx	TF08DJ22xx-E4(017)	1.062-18 UNEF	1.594 (40.5)	1.551 (39.4)	3.875 (98.4)	3.000 (76.2)	3.625 (92.1)	.500 (12.7)	.750 (19.1)
MS3408DJ 22Dxx	TF08DJ22xx-E4(057)	1.062-18 UNEF	1.594 (40.5)	1.770 (45.0)	3.938 (100.0)	3.000 (76.2)	3.688 (93.7)	.625 (15.9)	.937 (23.8)
MS3408DJ 22Exx	TF08DJ22xx-E4(058)	1.188-18 UNEF	1.594 (40.5)	2.113 (53.7)	4.938 (125.4)	3.875 (98.4)	4.062 (103.2)	.875 (22.2)	1.250 (31.8)
MS3408DJ 22Fxx	TF08DJ22xx-E4(044)	1.188-18 UNEF	1.594 (40.5)	.957 (24.3)	3.875 (98.4)	3.000 (76.2)	3.562 (90.5)	.125 (3.2)	.312 (7.9)
MS3408DJ 22Gxx	TF08DJ22xx-E4(045)	1.188-18 UNEF	1.594 (40.5)	1.145 (29.1)	3.875 (98.4)	3.000 (76.2)	3.562 (90.5)	.250 (6.4)	.437 (11.1)
MS3408DJ 22Hxx	TF08DJ22xx-E4(018)	1.188-18 UNEF	1.594 (40.5)	2.113 (53.7)	4.062 (103.2)	3.000 (76.2)	3.562 (90.5)	.875 (22.2)	1.029 (26.1)
MS3408DJ 24Axx	TF08DJ24xx-E4(019)	1.188-18 UNEF	1.719 (43.7)	1.551 (39.4)	3.875 (98.4)	3.000 (76.2)	3.625 (92.1)	.500 (12.7)	.750 (19.1)
MS3408DJ 24Dxx	TF08DJ24xx-E4(059)	1.188-18 UNEF	1.719 (43.7)	1.770 (45.0)	3.938 (100.0)	3.000 (76.2)	3.688 (93.7)	.625 (15.9)	.937 (23.8)
MS3408DJ 24Exx	TF08DJ24xx-E4(073)	1.188-18 UNEF	1.719 (43.7)	2.113 (53.7)	4.938 (125.4)	3.875 (98.4)	4.062 (103.2)	.875 (22.2)	1.250 (31.8)
MS3408DJ 24Fxx	TF08DJ24xx-E4(046)	1.188-18 UNEF	1.719 (43.7)	1.332 (33.8)	3.875 (98.4)	3.000 (76.2)	3.562 (90.5)	.350 (8.9)	.625 (15.9)
MS3408DJ 24Gxx	TF08DJ24xx-E4(020)	1.188-18 UNEF	1.719 (43.7)	2.113 (53.7)	4.062 (103.2)	3.000 (76.2)	3.562 (90.5)	.875 (22.2)	1.144 (29.1)
MS3408DJ 28Axx	TF08DJ28xx-E4(060)	1.188-18 UNEF	1.969 (50.0)	1.551 (39.4)	4.125 (104.8)	3.125 (79.4)	3.750 (95.3)	.500 (12.7)	.750 (19.1)
MS3408DJ 28Bxx	TF08DJ28xx-E4(021)	1.188-18 UNEF	1.969 (50.0)	1.770 (45.0)	4.125 (104.8)	3.125 (79.4)	3.875 (98.4)	.625 (15.9)	.937 (23.8)
MS3408DJ 28Dxx	TF08DJ28xx-E4(061)	1.313-18 UNEF	1.969 (50.0)	2.113 (53.7)	4.188 (106.4)	3.125 (79.4)	4.062 (103.2)	.875 (22.2)	1.250 (31.8)
MS3408DJ 28Exx	TF08DJ28xx-E4(022)	1.313-18 UNEF	1.969 (50.0)	2.363 (60.0)	4.312 (109.5)	3.125 (79.4)	3.875 (98.4)	1.000 (25.4)	1.375 (34.9)

Dimensions are in inches (mm).

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Dimensions (Continued from previous page)

Assembly No.	Milnec Part No.	V Thread Class 2B	D Max	B Max	L Max	M Max	N Max	CC Cable Clearance	
								Min	Max
MS3408DJ 32Axx	**TF08DJ32xx-E4(023)**	1.313-18 UNEF	2.219 (56.4)	1.770 (45.0)	4.625 (117.5)	3.500 (88.9)	4.125 (104.8)	.625 (15.9)	.937 (23.8)
MS3408DJ 32Bxx	**TF08DJ32xx-E4(024)**	1.313-18 UNEF	2.219 (56.4)	2.113 (53.7)	4.625 (117.5)	3.500 (88.9)	4.312 (109.5)	.875 (22.2)	1.250 (31.8)
MS3408DJ 32Dxx	**TF08DJ32xx-E4(062)**	1.313-18 UNEF	2.219 (56.4)	2.363 (60.0)	4.625 (117.5)	3.500 (88.9)	4.438 (112.7)	1.000 (25.4)	1.375 (34.9)
MS3408DJ 32Exx	**TF08DJ32xx-E4(025)**	1.313-18 UNEF	2.219 (56.4)	2.770 (70.4)	4.875 (123.8)	3.500 (88.9)	4.375 (111.1)	1.250 (31.8)	1.625 (41.3)
MS3408DJ 36Axx	**TF08DJ36xx-E4(063)**	1.313-18 UNEF	2.469 (62.7)	2.113 (53.7)	4.938 (125.4)	3.688 (93.7)	4.312 (109.5)	.875 (22.2)	1.250 (31.8)
MS3408DJ 36Bxx	**TF08DJ36xx-E4(027)**	1.313-18 UNEF	2.469 (62.7)	2.363 (60.0)	4.938 (125.4)	3.688 (93.7)	4.438 (112.7)	1.000 (25.4)	1.375 (34.9)
MS3408DJ 36Dxx	**TF08DJ36xx-E4(064)**	1.313-18 UNEF	2.469 (62.7)	2.770 (70.4)	5.062 (128.6)	3.688 (93.7)	4.688 (119.1)	1.250 (31.8)	1.625 (41.3)
MS3408DJ 36Exx	**TF08DJ36xx-E4(028)**	.875-20 UNEF	2.469 (62.7)	3.020 (76.7)	5.188 (131.8)	3.688 (93.7)	4.375 (111.1)	1.437 (36.5)	1.840 (46.7)
MS3408DJ 36Fxx	**TF08DJ36xx-E4(047)**	.875-20 UNEF	2.469 (62.7)	1.551 (39.4)	4.938 (125.4)	3.688 (93.7)	4.000 (101.6)	.500 (12.7)	.750 (19.1)
MS3408DJ 36Gxx	**TF08DJ36xx-E4(026)**	.875-20 UNEF	2.469 (62.7)	2.770 (70.4)	4.938 (125.4)	3.688 (93.7)	4.062 (103.2)	.625 (15.9)	.937 (19.1)

Dimensions are in inches (mm).