

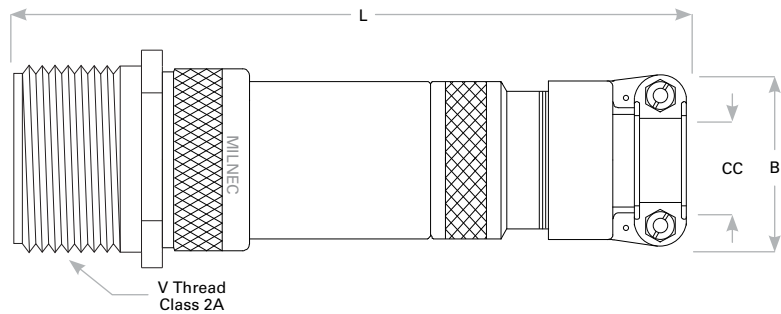
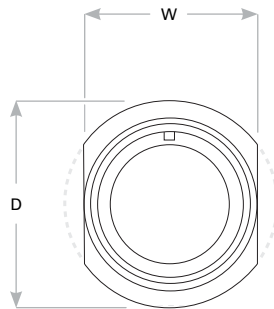
MS3401DJ Type Connector & Backshell

TF Series • MIL-DTL-5015 Crimp Type Connectors



TF01 Compatibility

Compatible Brands	Connectors
MIL-DTL-5015 Crimp	MS3406



Dimensions

Assembly No.	Milnec Part No.	V Thread Class 2A	D ± .031 (0.8)	W Max	B Max	L Max	CC Cable Clearance	
							Min	Max
MS3401DJ 10Axx	TF01DJ10Sxx-E2(009)	.625-24 UNEF	.854 (21.7)	.629 (16.0)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3401DJ 10Bxx	TF01DJ10Sxx-E2(011)	.625-24 UNEF	.854 (21.7)	.629 (16.0)	1.145 (29.1)	5.688 (144.5)	.250 (6.4)	.437 (11.1)
MS3401DJ 10Dxx	TF01DJ10Sxx-E2(136)	.625-24 UNEF	.854 (21.7)	.629 (16.0)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.375 (9.5)
MS3401DJ 11Axx	TF01DJ10SLxx-E2(009)	.625-24 UNEF	.854 (21.7)	.629 (16.0)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3401DJ 11Bxx	TF01DJ10SLxx-E2(011)	.625-24 UNEF	.854 (21.7)	.629 (16.0)	1.145 (29.1)	5.688 (144.5)	.250 (6.4)	.437 (11.1)
MS3401DJ 11Dxx	TF01DJ10SLxx-E2(136)	.625-24 UNEF	.854 (21.7)	.629 (16.0)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.375 (9.5)
MS3401DJ 12Axx	TF01DJ12xx-E2(114)	.750-20 UNEF	.974 (24.7)	.754 (19.2)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3401DJ 12Bxx	TF01DJ12xx-E2(015)	.750-20 UNEF	.974 (24.7)	.754 (19.2)	1.332 (33.8)	5.688 (144.5)	.350 (8.9)	.625 (15.9)
MS3401DJ 12Dxx	TF01DJ12xx-E2(138)	.750-20 UNEF	.974 (24.7)	.754 (19.2)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.500 (12.7)
MS3401DJ 12Exx	TF01DJ12xx-E2(013)	.750-20 UNEF	.974 (24.7)	.754 (19.2)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3401DJ 13Axx	TF01DJ12Sxx-E2(114)	.750-20 UNEF	.974 (24.7)	.754 (19.2)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3401DJ 13Bxx	TF01DJ12Sxx-E2(015)	.750-20 UNEF	.974 (24.7)	.754 (19.2)	1.332 (33.8)	5.688 (144.5)	.350 (8.9)	.625 (15.9)
MS3401DJ 13Dxx	TF01DJ12Sxx-E2(138)	.750-20 UNEF	.974 (24.7)	.754 (19.2)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.500 (12.7)
MS3401DJ 13Exx	TF01DJ12Sxx-E2(013)	.750-20 UNEF	.974 (24.7)	.754 (19.2)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3401DJ 14Axx	TF01DJ14xx-E2(116)	.875-20 UNEF	1.099 (27.9)	.879 (22.3)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)

Dimensions are in inches (mm).

(Continued on next page)

Rev. 1926



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TF01 DJ 28-12 P N - E2(055) - 01

- BASIC PART NUMBER**
TF01 Cable mount receptacle
- MATERIAL & FINISH**
DJ Aluminum, cadmium over nickel
- SHELL SIZE & INSERT ARRANGEMENT**
See Insert Arrangement Selection table, p. X-12
- CONTACT STYLE**
P Pin
S Socket
D Pin (wire reducing, size #16 & #12 only)
F Socket (wire reducing, size #16 & #12 only)
- INSERT ROTATION**
N Normal or W, X, Y, Z, see p. X-12 for availability
- BACKSHELL KIT (OMIT FOR NONE)**
E2() Straight environmental
(Add dash number from table below)
- OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**
01 Protective cover

MS3401DJ Type Connector & Backshell

TF Series • MIL-DTL-5015 Crimp Type Connectors

Dimensions (Continued from previous page)

Assembly No.	Milnec Part No.	V Thread Class 2B	D ± .031 (0.8)	W Max	B Max	L	CC Cable Clearance	
							Min	Max
MS3401DJ 14Bxx	TF01DJ14xx-E2(019)	.875-20 UNEF	1.099 (27.9)	.879 (22.3)	1.551 (39.4)	5.750 (146.1)	.500 (12.7)	.750 (19.1)
MS3401DJ 14Dxx	TF01DJ14xx-E2(017)	.875-20 UNEF	1.099 (27.9)	.879 (22.3)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.575 (14.6)
MS3401DJ 14Exx	TF01DJ14xx-E2(150)	.875-20 UNEF	1.099 (27.9)	.879 (22.3)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3401DJ 15Axx	TF01DJ14Sxx-E2(116)	.875-20 UNEF	1.099 (27.9)	.879 (22.3)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3401DJ 15Bxx	TF01DJ14Sxx-E2(019)	.875-20 UNEF	1.099 (27.9)	.879 (22.3)	1.551 (39.4)	5.750 (146.1)	.500 (12.7)	.750 (19.1)
MS3401DJ 15Dxx	TF01DJ14Sxx-E2(017)	.875-20 UNEF	1.099 (27.9)	.879 (22.3)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.575 (14.6)
MS3401DJ 15Exx	TF01DJ14Sxx-E2(150)	.875-20 UNEF	1.099 (27.9)	.879 (22.3)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3401DJ 16Axx	TF01DJ16xx-E2(021)	1.000-20 UNEF	1.224 (31.1)	1.005 (25.5)	1.551 (39.4)	5.000 (127.0)	.500 (12.7)	.700 (17.8)
MS3401DJ 16Bxx	TF01DJ16xx-E2(023)	1.000-20 UNEF	1.224 (31.1)	1.005 (25.5)	1.770 (45.0)	5.812 (147.6)	.625 (15.9)	.937 (23.8)
MS3401DJ 16Dxx	TF01DJ16xx-E2(112)	1.000-20 UNEF	1.224 (31.1)	1.005 (25.5)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3401DJ 16Exx	TF01DJ16xx-E2(118)	1.000-20 UNEF	1.224 (31.1)	1.005 (25.5)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.625 (15.9)
MS3401DJ 17Axx	TF01DJ16Sxx-E2(021)	1.000-20 UNEF	1.224 (31.1)	1.005 (25.5)	1.551 (39.4)	5.000 (127.0)	.500 (12.7)	.700 (17.8)
MS3401DJ 17Bxx	TF01DJ16Sxx-E2(023)	1.000-20 UNEF	1.224 (31.1)	1.005 (25.5)	1.770 (45.0)	5.812 (147.6)	.625 (15.9)	.937 (23.8)
MS3401DJ 17Dxx	TF01DJ16Sxx-E2(112)	1.000-20 UNEF	1.224 (31.1)	1.005 (25.5)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3401DJ 17Exx	TF01DJ16Sxx-E2(118)	1.000-20 UNEF	1.224 (31.1)	1.005 (25.5)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.625 (15.9)
MS3401DJ 18Axx	TF01DJ18xx-E2(025)	1.000-20 UNEF	1.349 (34.3)	1.131 (28.7)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.625 (15.9)
MS3401DJ 18Bxx	TF01DJ18xx-E2(027)	1.000-20 UNEF	1.349 (34.3)	1.131 (28.7)	1.551 (39.4)	5.000 (127.0)	.500 (12.7)	.750 (19.1)
MS3401DJ 18Exx	TF01DJ18xx-E2(120)	1.062-18 UNEF	1.349 (34.3)	1.131 (28.7)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3401DJ 18Fxx	TF01DJ18xx-E2(122)	1.062-18 UNEF	1.349 (34.3)	1.131 (28.7)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3401DJ 20Axx	TF01DJ20xx-E2(031)	1.062-18 UNEF	1.474 (37.4)	1.256 (31.9)	1.332 (33.8)	5.938 (150.8)	.350 (8.9)	.625 (15.9)
MS3401DJ 20Bxx	TF01DJ20xx-E2(033)	1.062-18 UNEF	1.474 (37.4)	1.256 (31.9)	1.551 (39.4)	6.000 (152.4)	.500 (12.7)	.750 (19.1)
MS3401DJ 20Exx	TF01DJ20xx-E2(037)	1.062-18 UNEF	1.474 (37.4)	1.256 (31.9)	2.113 (53.7)	7.062 (179.4)	.875 (22.2)	1.250 (31.8)
MS3401DJ 20Fxx	TF01DJ20xx-E2(124)	1.062-18 UNEF	1.474 (37.4)	1.256 (31.9)	1.145 (29.1)	5.938 (150.8)	.250 (6.4)	.437 (11.1)
MS3401DJ 20Gxx	TF01DJ20xx-E2(140)	1.062-18 UNEF	1.474 (37.4)	1.256 (31.9)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.904 (23.0)
MS3401DJ 22Axx	TF01DJ22xx-E2(039)	1.062-18 UNEF	1.599 (40.6)	1.381 (35.1)	1.332 (33.8)	5.938 (150.8)	.350 (8.9)	.625 (15.9)
MS3401DJ 22Bxx	TF01DJ22xx-E2(041)	1.062-18 UNEF	1.599 (40.6)	1.381 (35.1)	1.551 (39.4)	6.000 (152.4)	.500 (12.7)	.750 (19.1)
MS3401DJ 22Dxx	TF01DJ22xx-E2(043)	1.062-18 UNEF	1.599 (40.6)	1.381 (35.1)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.937 (23.8)
MS3401DJ 22Exx	TF01DJ22xx-E2(045)	1.188-18 UNEF	1.599 (40.6)	1.381 (35.1)	2.113 (53.7)	7.062 (179.4)	.875 (22.2)	1.250 (31.8)
MS3401DJ 22Fxx	TF01DJ22xx-E2(126)	1.188-18 UNEF	1.599 (40.6)	1.381 (35.1)	.957 (24.3)	5.938 (150.8)	.125 (3.2)	.312 (7.9)
MS3401DJ 22Gxx	TF01DJ22xx-E2(128)	1.188-18 UNEF	1.599 (40.6)	1.381 (35.1)	1.145 (29.1)	5.938 (150.8)	.250 (6.4)	.437 (11.1)
MS3401DJ 22Hxx	TF01DJ22xx-E2(142)	1.188-18 UNEF	1.599 (40.6)	1.381 (35.1)	2.113 (53.7)	6.312 (160.3)	.875 (22.2)	1.029 (26.1)
MS3401DJ 24Axx	TF01DJ24xx-E2(047)	1.188-18 UNEF	1.715 (43.6)	1.506 (38.3)	1.551 (39.4)	6.000 (152.4)	.500 (12.7)	.750 (19.1)
MS3401DJ 24Bxx	TF01DJ24xx-E2(049)	1.188-18 UNEF	1.715 (43.6)	1.506 (38.3)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.812 (20.6)
MS3401DJ 24Dxx	TF01DJ24xx-E2(051)	1.188-18 UNEF	1.715 (43.6)	1.506 (38.3)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.937 (23.8)
MS3401DJ 24Exx	TF01DJ24xx-E2(053)	1.188-18 UNEF	1.715 (43.6)	1.506 (38.3)	2.113 (53.7)	7.062 (179.4)	.875 (22.2)	1.250 (31.8)
MS3401DJ 24Fxx	TF01DJ24xx-E2(130)	1.188-18 UNEF	1.715 (43.6)	1.506 (38.3)	1.332 (33.8)	5.938 (150.8)	.350 (8.9)	.625 (15.9)
MS3401DJ 24Gxx	TF01DJ24xx-E2(144)	1.188-18 UNEF	1.715 (43.6)	1.506 (38.3)	2.113 (53.7)	6.312 (160.3)	.875 (22.2)	1.144 (29.1)
MS3401DJ 28Axx	TF01DJ28xx-E2(055)	1.188-18 UNEF	1.974 (50.1)	1.756 (44.6)	1.551 (39.4)	6.000 (152.4)	.500 (12.7)	.750 (19.1)
MS3401DJ 28Bxx	TF01DJ28xx-E2(057)	1.188-18 UNEF	1.974 (50.1)	1.756 (44.6)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.937 (23.8)
MS3401DJ 28Dxx	TF01DJ28xx-E2(059)	1.313-18 UNEF	1.974 (50.1)	1.756 (44.6)	2.113 (53.7)	6.312 (160.3)	.875 (22.2)	1.250 (31.8)
MS3401DJ 28Exx	TF01DJ28xx-E2(061)	1.313-18 UNEF	1.974 (50.1)	1.756 (44.6)	2.363 (60.0)	6.438 (163.5)	1.000 (25.4)	1.375 (34.9)
MS3401DJ 32Axx	TF01DJ32xx-E2(063)	1.313-18 UNEF	2.224 (56.5)	2.007 (51.0)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.937 (23.8)
MS3401DJ 32Bxx	TF01DJ32xx-E2(065)	1.313-18 UNEF	2.224 (56.5)	2.007 (51.0)	2.113 (53.7)	6.312 (160.3)	.875 (22.2)	1.250 (31.8)
MS3401DJ 32Dxx	TF01DJ32xx-E2(067)	1.313-18 UNEF	2.224 (56.5)	2.007 (51.0)	2.363 (60.0)	6.438 (163.5)	1.000 (25.4)	1.375 (34.9)
MS3401DJ 32Exx	TF01 DJ32xx-E2(069)	1.313-18 UNEF	2.224 (56.5)	2.007 (51.0)	2.770 (70.4)	6.750 (171.5)	1.250 (31.8)	1.625 (41.3)

Dimensions are in inches (mm).

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MS3401DJ Type Connector & Backshell

TF Series • MIL-DTL-5015 Crimp Type Connectors

Dimensions (Continued from previous page)

Assembly No.	Milnec Part No.	V Thread Class 2B	D ± .031 (0.8)	W Max	B Max	L	CC Cable Clearance	
							Min	Max
MS3401DJ 36Axx	TF01DJ36xx-E2(071)	1.313-18 UNEF	2.474 (62.8)	2.257 (57.3)	2.113 (53.7)	7.312 (185.7)	.875 (22.2)	1.250 (31.8)
MS3401DJ 36Bxx	TF01DJ36xx-E2(073)	1.313-18 UNEF	2.474 (62.8)	2.257 (57.3)	2.363 (60.0)	7.438 (188.9)	1.000 (25.4)	1.375 (34.9)
MS3401DJ 36Dxx	TF01DJ36xx-E2(075)	1.313-18 UNEF	2.474 (62.8)	2.257 (57.3)	2.770 (70.4)	7.688 (195.3)	1.250 (31.8)	1.625 (41.3)
MS3401DJ 36Exx	TF01DJ36xx-E2(146)	.875-20 UNEF	2.474 (62.8)	2.257 (57.3)	3.020 (76.7)	7.750 (196.9)	1.437 (36.5)	1.840 (46.7)
MS3401DJ 36Fxx	TF01DJ36xx-E2(132)	.875-20 UNEF	2.474 (62.8)	2.257 (57.3)	1.551 (39.4)	7.000 (177.8)	.500 (12.7)	.750 (19.1)
MS3401DJ 36Gxx	TF01DJ36xx-E2(148)	.875-20 UNEF	2.474 (62.8)	2.257 (57.3)	2.770 (70.4)	7.062 (179.4)	.625 (15.9)	.937 (19.1)

Dimensions are in inches (mm).