MS3400DJ Type Connector & Backshell

TF Series • MIL-DTL-5015 Crimp Type Connectors



Image for example only

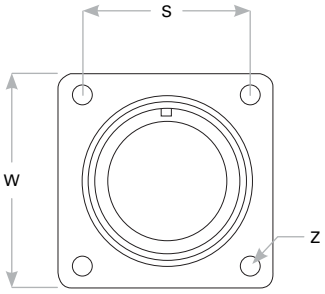
TF00 DJ 28-12 P N - E2(055) - 01

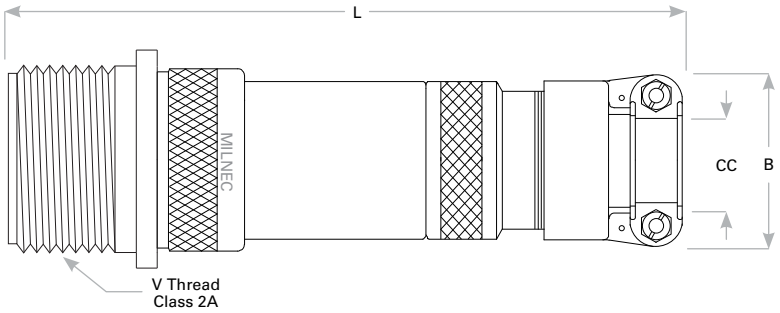
1 2 3 4 5 6 7

1. **BASIC PART NUMBER**
   - **TF00** Wall mount receptacle
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)
   - **E2( )** Straight environmental
   - (Add dash number from table below)
7. **OPTIONAL ACCESSORY KIT** (OMIT FOR NONE)
   - **02** Protective cover + mounting gasket
   - **03** 02 kit + mounting bracket + sealing screws

TF00 Compatibility

Compatible Brands	Connectors
MIL-DTL-5015 Crimp	MS3406





Dimensions

Assembly No.	Milnec Part No.	V Thread Class 2A	W ± .031 (0.8)	S ± .005 (0.1)	Z Max	B Max	L Max	CC Cable Clearnace	
								Min	Max
MS3400DJ 10Axx	TF00DJ10Sxx-E2(009)	.625-24 UNEF	1.000 (25.4)	.719 (18.3)	.120 (3.0)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3400DJ 10Bxx	TF00DJ10Sxx-E2(011)	.625-24 UNEF	1.000 (25.4)	.719 (18.3)	.120 (3.0)	1.145 (29.1)	5.688 (144.5)	.250 (6.4)	.437 (11.1)
MS3400DJ 10Dxx	TF00DJ10Sxx-E2(136)	.625-24 UNEF	1.000 (25.4)	.719 (18.3)	.120 (3.0)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.375 (9.5)
MS3400DJ 11Axx	TF00DJ10SLxx-E2(009)	.625-24 UNEF	1.000 (25.4)	.719 (18.3)	.120 (3.0)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3400DJ 11Bxx	TF00DJ10SLxx-E2(011)	.625-24 UNEF	1.000 (25.4)	.719 (18.3)	.120 (3.0)	1.145 (29.1)	5.688 (144.5)	.250 (6.4)	.437 (11.1)
MS3400DJ 11Dxx	TF00DJ10SLxx-E2(136)	.625-24 UNEF	1.000 (25.4)	.719 (18.3)	.120 (3.0)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.375 (9.5)
MS3400DJ 12Axx	TF00DJ12xx-E2(114)	.750-20 UNEF	1.094 (27.8)	.812 (20.6)	.120 (3.0)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3400DJ 12Bxx	TF00DJ12xx-E2(015)	.750-20 UNEF	1.094 (27.8)	.812 (20.6)	.120 (3.0)	1.332 (33.8)	5.688 (144.5)	.350 (8.9)	.625 (15.9)
MS3400DJ 12Dxx	TF00DJ12xx-E2(138)	.750-20 UNEF	1.094 (27.8)	.812 (20.6)	.120 (3.0)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.500 (12.7)
MS3400DJ 12Exx	TF00DJ12xx-E2(013)	.750-20 UNEF	1.094 (27.8)	.812 (20.6)	.120 (3.0)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3400DJ 13Axx	TF00DJ12Sxx-E2(114)	.750-20 UNEF	1.094 (27.8)	.812 (20.6)	.120 (3.0)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3400DJ 13Bxx	TF00DJ12Sxx-E2(015)	.750-20 UNEF	1.094 (27.8)	.812 (20.6)	.120 (3.0)	1.332 (33.8)	5.688 (144.5)	.350 (8.9)	.625 (15.9)
MS3400DJ 13Dxx	TF00DJ12Sxx-E2(138)	.750-20 UNEF	1.094 (27.8)	.812 (20.6)	.120 (3.0)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.500 (12.7)
MS3400DJ 13Exx	TF00DJ12Sxx-E2(013)	.750-20 UNEF	1.094 (27.8)	.812 (20.6)	.120 (3.0)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3400DJ 14Axx	TF00DJ14xx-E2(116)	.875-20 UNEF	1.188 (30.2)	.906 (23.0)	.120 (3.0)	1.145 (29.1)	4.938 (125.4)	.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	W ± .031 (0.8)	S ± .005 (0.1)	Z Max	B Max	L	CC Cable Clearance	
								Min	Max
MS3400DJ 14Bxx	TF00DJ14xx-E2(019)	.875-20 UNEF	1.188 (30.2)	.906 (23.0)	.120 (3.0)	1.551 (39.4)	5.750 (146.1)	.500 (12.7)	.750 (19.1)
MS3400DJ 14Dxx	TF00DJ14xx-E2(017)	.875-20 UNEF	1.188 (30.2)	.906 (23.0)	.120 (3.0)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.575 (14.6)
MS3400DJ 14Exx	TF00DJ14xx-E2(150)	.875-20 UNEF	1.188 (30.2)	.906 (23.0)	.120 (3.0)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3400DJ 15Axx	TF00DJ14Sxx-E2(116)	.875-20 UNEF	1.188 (30.2)	.906 (23.0)	.120 (3.0)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3400DJ 15Bxx	TF00DJ14Sxx-E2(019)	.875-20 UNEF	1.188 (30.2)	.906 (23.0)	.120 (3.0)	1.551 (39.4)	5.750 (146.1)	.500 (12.7)	.750 (19.1)
MS3400DJ 15Dxx	TF00DJ14Sxx-E2(017)	.875-20 UNEF	1.188 (30.2)	.906 (23.0)	.120 (3.0)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.575 (14.6)
MS3400DJ 15Exx	TF00DJ14Sxx-E2(150)	.875-20 UNEF	1.188 (30.2)	.906 (23.0)	.120 (3.0)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3400DJ 16Axx	TF00DJ16xx-E2(021)	1.000-20 UNEF	1.281 (32.5)	.969 (24.6)	.120 (3.0)	1.551 (39.4)	5.000 (127.0)	.500 (12.7)	.700 (17.8)
MS3400DJ 16Bxx	TF00DJ16xx-E2(023)	1.000-20 UNEF	1.281 (32.5)	.969 (24.6)	.120 (3.0)	1.770 (45.0)	5.812 (147.6)	.625 (15.9)	.937 (23.8)
MS3400DJ 16Dxx	TF00DJ16xx-E2(112)	1.000-20 UNEF	1.281 (32.5)	.969 (24.6)	.120 (3.0)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3400DJ 16Exx	TF00DJ16xx-E2(118)	1.000-20 UNEF	1.281 (32.5)	.969 (24.6)	.120 (3.0)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.625 (15.9)
MS3400DJ 17Axx	TF00DJ16Sxx-E2(021)	1.000-20 UNEF	1.281 (32.5)	.969 (24.6)	.120 (3.0)	1.551 (39.4)	5.000 (127.0)	.500 (12.7)	.700 (17.8)
MS3400DJ 17Bxx	TF00DJ16Sxx-E2(023)	1.000-20 UNEF	1.281 (32.5)	.969 (24.6)	.120 (3.0)	1.770 (45.0)	5.812 (147.6)	.625 (15.9)	.937 (23.8)
MS3400DJ 17Dxx	TF00DJ16Sxx-E2(112)	1.000-20 UNEF	1.281 (32.5)	.969 (24.6)	.120 (3.0)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3400DJ 17Exx	TF00DJ16Sxx-E2(118)	1.000-20 UNEF	1.281 (32.5)	.969 (24.6)	.120 (3.0)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.625 (15.9)
MS3400DJ 18Axx	TF00DJ18xx-E2(025)	1.000-20 UNEF	1.375 (34.9)	1.062 (27.0)	.120 (3.0)	1.332 (33.8)	4.938 (125.4)	.350 (8.9)	.625 (15.9)
MS3400DJ 18Bxx	TF00DJ18xx-E2(027)	1.000-20 UNEF	1.375 (34.9)	1.062 (27.0)	.120 (3.0)	1.551 (39.4)	5.000 (127.0)	.500 (12.7)	.750 (19.1)
MS3400DJ 18Exx	TF00DJ18xx-E2(120)	1.062-18 UNEF	1.375 (34.9)	1.062 (27.0)	.120 (3.0)	.957 (24.3)	4.938 (125.4)	.125 (3.2)	.312 (7.9)
MS3400DJ 18Fxx	TF00DJ18xx-E2(122)	1.062-18 UNEF	1.375 (34.9)	1.062 (27.0)	.120 (3.0)	1.145 (29.1)	4.938 (125.4)	.250 (6.4)	.437 (11.1)
MS3400DJ 20Axx	TF00DJ20xx-E2(031)	1.062-18 UNEF	1.500 (38.1)	1.156 (29.4)	.120 (3.0)	1.332 (33.8)	5.938 (150.8)	.350 (8.9)	.625 (15.9)
MS3400DJ 20Bxx	TF00DJ20xx-E2(033)	1.062-18 UNEF	1.500 (38.1)	1.156 (29.4)	.120 (3.0)	1.551 (39.4)	6.000 (152.4)	.500 (12.7)	.750 (19.1)
MS3400DJ 20Exx	TF00DJ20xx-E2(037)	1.062-18 UNEF	1.500 (38.1)	1.156 (29.4)	.120 (3.0)	2.113 (53.7)	7.062 (179.4)	.875 (22.2)	1.250 (31.8)
MS3400DJ 20Fxx	TF00DJ20xx-E2(124)	1.062-18 UNEF	1.500 (38.1)	1.156 (29.4)	.120 (3.0)	1.145 (29.1)	5.938 (150.8)	.250 (6.4)	.437 (11.1)
MS3400DJ 20Gxx	TF00DJ20xx-E2(140)	1.062-18 UNEF	1.500 (38.1)	1.156 (29.4)	.120 (3.0)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.904 (23.0)
MS3400DJ 22Axx	TF00DJ22xx-E2(039)	1.062-18 UNEF	1.625 (41.3)	1.250 (31.8)	.120 (3.0)	1.332 (33.8)	5.938 (150.8)	.350 (8.9)	.625 (15.9)
MS3400DJ 22Bxx	TF00DJ22xx-E2(041)	1.062-18 UNEF	1.625 (41.3)	1.250 (31.8)	.120 (3.0)	1.551 (39.4)	6.000 (152.4)	.500 (12.7)	.750 (19.1)
MS3400DJ 22Dxx	TF00DJ22xx-E2(043)	1.062-18 UNEF	1.625 (41.3)	1.250 (31.8)	.120 (3.0)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.937 (23.8)
MS3400DJ 22Exx	TF00DJ22xx-E2(045)	1.188-18 UNEF	1.625 (41.3)	1.250 (31.8)	.120 (3.0)	2.113 (53.7)	7.062 (179.4)	.875 (22.2)	1.250 (31.8)
MS3400DJ 22Fxx	TF00DJ22xx-E2(126)	1.188-18 UNEF	1.625 (41.3)	1.250 (31.8)	.120 (3.0)	.957 (24.3)	5.938 (150.8)	.125 (3.2)	.312 (7.9)
MS3400DJ 22Gxx	TF00DJ22xx-E2(128)	1.188-18 UNEF	1.625 (41.3)	1.250 (31.8)	.120 (3.0)	1.145 (29.1)	5.938 (150.8)	.250 (6.4)	.437 (11.1)
MS3400DJ 22Hxx	TF00DJ22xx-E2(142)	1.188-18 UNEF	1.625 (41.3)	1.250 (31.8)	.120 (3.0)	2.113 (53.7)	6.312 (160.3)	.875 (22.2)	1.029 (26.1)
MS3400DJ 24Axx	TF00DJ24xx-E2(047)	1.188-18 UNEF	1.750 (44.5)	1.375 (34.9)	.147 (3.7)	1.551 (39.4)	6.000 (152.4)	.500 (12.7)	.750 (19.1)
MS3400DJ 24Bxx	TF00DJ24xx-E2(049)	1.188-18 UNEF	1.750 (44.5)	1.375 (34.9)	.147 (3.7)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.812 (20.6)
MS3400DJ 24Dxx	TF00DJ24xx-E2(051)	1.188-18 UNEF	1.750 (44.5)	1.375 (34.9)	.147 (3.7)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.937 (23.8)
MS3400DJ 24Exx	TF00DJ24xx-E2(053)	1.188-18 UNEF	1.750 (44.5)	1.375 (34.9)	.147 (3.7)	2.113 (53.7)	7.062 (179.4)	.875 (22.2)	1.250 (31.8)
MS3400DJ 24Fxx	TF00DJ24xx-E2(130)	1.188-18 UNEF	1.750 (44.5)	1.375 (34.9)	.147 (3.7)	1.332 (33.8)	5.938 (150.8)	.350 (8.9)	.625 (15.9)
MS3400DJ 24Gxx	TF00DJ24xx-E2(144)	1.188-18 UNEF	1.750 (44.5)	1.375 (34.9)	.147 (3.7)	2.113 (53.7)	6.312 (160.3)	.875 (22.2)	1.144 (29.1)
MS3400DJ 28Axx	TF00DJ28xx-E2(055)	1.188-18 UNEF	2.000 (50.8)	1.562 (39.7)	.147 (3.7)	1.551 (39.4)	6.000 (152.4)	.500 (12.7)	.750 (19.1)
MS3400DJ 28Bxx	TF00DJ28xx-E2(057)	1.188-18 UNEF	2.000 (50.8)	1.562 (39.7)	.147 (3.7)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.937 (23.8)
MS3400DJ 28Dxx	TF00DJ28xx-E2(059)	1.313-18 UNEF	2.000 (50.8)	1.562 (39.7)	.147 (3.7)	2.113 (53.7)	6.312 (160.3)	.875 (22.2)	1.250 (31.8)
MS3400DJ 28Exx	TF00DJ28xx-E2(061)	1.313-18 UNEF	2.000 (50.8)	1.562 (39.7)	.147 (3.7)	2.363 (60.0)	6.438 (163.5)	1.000 (25.4)	1.375 (34.9)
MS3400DJ 32Axx	TF00DJ32xx-E2(063)	1.313-18 UNEF	2.250 (57.2)	1.750 (44.5)	.173 (4.4)	1.770 (45.0)	6.062 (154.0)	.625 (15.9)	.937 (23.8)
MS3400DJ 32Bxx	TF00DJ32xx-E2(065)	1.313-18 UNEF	2.250 (57.2)	1.750 (44.5)	.173 (4.4)	2.113 (53.7)	6.312 (160.3)	.875 (22.2)	1.250 (31.8)
MS3400DJ 32Dxx	TF00DJ32xx-E2(067)	1.313-18 UNEF	2.250 (57.2)	1.750 (44.5)	.173 (4.4)	2.363 (60.0)	6.438 (163.5)	1.000 (25.4)	1.375 (34.9)
MS3400DJ 32Exx	TF00DJ32xx-E2(069)	1.313-18 UNEF	2.250 (57.2)	1.750 (44.5)	.173 (4.4)	2.770 (70.4)	6.750 (171.5)	1.250 (31.8)	1.625 (41.3)

Dimensions are in inches (mm).

(Continued on next page)

Dimensions (Continued from previous page)

Assembly No.	Milnec Part No.	V Thread Class 2B	W ± .031 (0.8)	S ± .005 (0.1)	Z Max	B Max	L	CC Cable Clearance	
								Min	Max
MS3400DJ 36Axx	**TF00DJ36xx-E2**(071)	1.313-18 UNEF	2.500 (63.5)	1.938 (49.2)	.173 (4.4)	2.113 (53.7)	7.312 (185.7)	.875 (22.2)	1.250 (31.8)
MS3400DJ 36Bxx	**TF00DJ36xx-E2**(073)	1.313-18 UNEF	2.500 (63.5)	1.938 (49.2)	.173 (4.4)	2.363 (60.0)	7.438 (188.9)	1.000 (25.4)	1.375 (34.9)
MS3400DJ 36Dxx	**TF00DJ36xx-E2**(075)	1.313-18 UNEF	2.500 (63.5)	1.938 (49.2)	.173 (4.4)	2.770 (70.4)	7.688 (195.3)	1.250 (31.8)	1.625 (41.3)
MS3400DJ 36Exx	**TF00DJ36xx-E2**(146)	.875-20 UNEF	2.500 (63.5)	1.938 (49.2)	.173 (4.4)	3.020 (76.7)	7.750 (196.9)	1.437 (36.5)	1.840 (46.7)
MS3400DJ 36Fxx	**TF00DJ36xx-E2**(132)	.875-20 UNEF	2.500 (63.5)	1.938 (49.2)	.173 (4.4)	1.551 (39.4)	7.000 (177.8)	.500 (12.7)	.750 (19.1)
MS3400DJ 36Gxx	**TF00DJ36xx-E2**(148)	.875-20 UNEF	2.500 (63.5)	1.938 (49.2)	.173 (4.4)	2.770 (70.4)	7.062 (179.4)	.625 (15.9)	.937 (19.1)

Dimensions are in inches (mm).