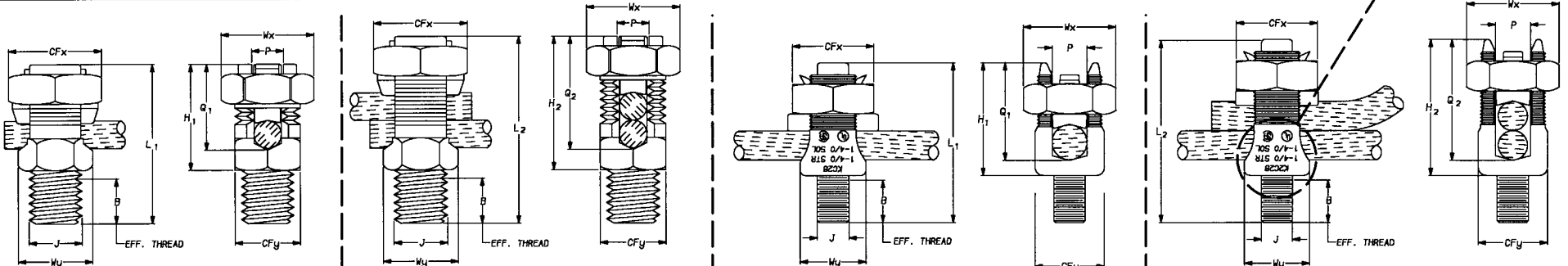
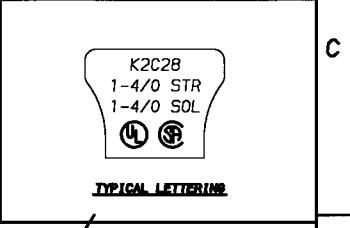


CONDUCTORS ACCOMMODATED				CATALOG NUMBER		J	P	B	CFy	Wy	H <sub>1</sub>	L <sub>1</sub>	Q <sub>1</sub>	CFx	Wx	H <sub>2</sub>	L <sub>2</sub>	Q <sub>2</sub>	NUT TORQUE	STUD TORQUE
AWG.		METRIC WIRE SIZE		FIGURE 1	FIGURE 2	REF	±.02	MIN EFF THD	±.02	REF	±.03	±.03	±.03	±.02	REF	±.03	±.03	±.03	LBS * IN [N * M]	LBS * IN [N * M]
STRANDED	SOLID	STRANDED	SOLID																	
12 (.092 DIA) 9 (.130 DIA)	12 (.081 DIA) 8 (.128 DIA)	[4mm <sup>2</sup> (2.6 DIA)] [6mm <sup>2</sup> (3.2 DIA)]	[4mm <sup>2</sup> (2.3 DIA)] [6mm <sup>2</sup> (2.8 DIA)]	KC15 KC15B1	K2C15 K2C15B1	1/4-20 UNC-2A	.14 [3.6]	.37 [9.4] .87 [22.1]	.38 [9.7]	.44 [11.2]	.69 [17.5]	1.19 [30.2] 1.69 [42.9]	.53 [13.5]	.50 [12.7]	.56 [14.2]	.81 [20.6]	1.31 [33.3] 1.81 [46.0]	.66 [16.8]	.80 [20.3]	.80 [20.3]
10 (.116 DIA) 7 (.164 DIA)	10 (.102 DIA) 6 (.162 DIA)	[6mm <sup>2</sup> (3.2 DIA)] [10mm <sup>2</sup> (4.1 DIA)]	[6mm <sup>2</sup> (2.8 DIA)] [10mm <sup>2</sup> (3.6 DIA)]	KC17 KC17B1	K2C17 K2C17B1	1/4-20 UNC-2A	.17 [4.2]	.37 [9.4] .87 [22.1]	.44 [11.2]	.50 [12.7]	.84 [21.3]	1.34 [34.0] 1.84 [46.7]	.66 [16.8]	.62 [15.7]	.69 [17.5]	1.00 [25.4]	1.50 [38.1] 2.00 [50.8]	.81 [20.6]	.80 [20.3]	.80 [20.3]
10 (.116 DIA) 5 (.206 DIA)	10 (.102 DIA) 4 (.204 DIA)	[6mm <sup>2</sup> (3.2 DIA)] [16mm <sup>2</sup> (5.1 DIA)]	-----	KC20 KC20B1	K2C20 K2C20B1	5/16-18 UNC-2A	.22 [5.5]	.41 [10.4] .85 [21.6]	.50 [12.7]	.58 [14.7]	.86 [21.8]	1.42 [36.1] 1.92 [48.8]	.70 [17.8]	.69 [17.5]	.78 [19.8]	1.06 [26.9]	1.62 [41.1] 2.06 [52.3]	.91 [23.1]	1.65 [41.8]	1.80 [45.7]
10 (.116 DIA) 3 (.260 DIA)	10 (.102 DIA) 2 (.258 DIA)	[6mm <sup>2</sup> (3.2 DIA)] [25mm <sup>2</sup> (6.5 DIA)]	-----	KC22 KC22B1	K2C22 K2C22B1	3/8-16 UNC-2A	.26 [6.7]	.46 [11.7] .96 [24.4]	.62 [15.7]	.72 [18.3]	1.00 [25.4]	1.62 [41.1] 2.12 [53.8]	.81 [20.6]	.75 [19.1]	.84 [21.3]	1.25 [31.8]	1.88 [47.8] 2.38 [60.5]	1.06 [26.9]	2.75 [69.9]	2.80 [71.4]
8 (.146 DIA) 2 (.292 DIA)	10 (.102 DIA) 1 (.289 DIA)	[10mm <sup>2</sup> (4.1 DIA)] [35mm <sup>2</sup> (6.5 DIA)]	-----	KC23 KC23B1	K2C23 K2C23B1	3/8-16 UNC-2A	.32 [8.2]	.46 [11.7] .97 [24.6]	.62 [15.7]	.72 [18.3]	1.05 [26.7]	1.67 [42.4] 2.19 [55.6]	.86 [21.8]	.81 [20.6]	.94 [23.9]	1.34 [34.0]	1.97 [50.0] 2.47 [62.7]	1.16 [29.5]	2.75 [69.9]	2.80 [71.4]
2 (.292 DIA) 1/0 (.373 DIA)	2 (.258 DIA) 2/0 (.365 DIA)	[35mm <sup>2</sup> (6.5 DIA)] [50mm <sup>2</sup> (9.3 DIA)]	-----	KC25 KC25B1	K2C25 K2C25B1	1/2-13 UNC-2A	.39 [9.8]	.53 [13.5] 1.04 [26.4]	.75 [19.1]	.88 [22.4]	1.19 [30.2]	1.94 [49.3] 2.44 [62.0]	1.00 [25.4]	.93 [23.6]	1.15 [29.2]	1.56 [39.6]	2.31 [58.7] 2.81 [71.4]	1.38 [35.1]	3.85 [97.8]	4.80 [121.9]
				FIGURE 3	FIGURE 4	REF	±.05		±.03	REF	±.05	±.05	±.05	±.03	REF	±.05	±.05	±.05		
2 (.292 DIA) 2/0 (.419 DIA)	2 (.258 DIA) 3/0 (.410 DIA)	[35mm <sup>2</sup> (6.5 DIA)] [70mm <sup>2</sup> (9.3 DIA)]	-----	KC26 KC26B1	K2C26 K2C26B1	1/2-13 UNC-2A	.44 [11.0]	.52 [13.2] 1.04 [26.4]	.88 [22.4]	1.01 [25.7]	1.38 [35.1]	2.12 [53.8] 2.62 [66.5]	1.16 [29.5]	1.04 [26.4]	1.28 [32.5]	1.81 [46.0]	2.53 [64.3] 3.03 [76.8]	1.56 [39.6]	3.85 [97.8]	4.80 [121.9]
1 (.332 DIA) 4/0 (.528 DIA)	1 (.289 DIA) 4/0 (.460 DIA)	[50mm <sup>2</sup> (9.3 DIA)] [95mm <sup>2</sup> (12.8 DIA)]	-----	KC28 KC28B1	K2C28 K2C28B1	5/8-11 UNC-2A	.55 [14.0]	.75 [19.1] 1.25 [31.8]	1.38 [30.0]	1.00 [25.4]	1.94 [49.3]	3.45 [87.6]	1.67 [42.4]	1.35 [34.3]	1.56 [39.6]	2.46 [62.5]	3.94 [100.1]	2.20 [55.9]	500 [127.0]	660 [167.6]
1 (.332 DIA) 350 Kcmil (.681 DIA)	-----	[50mm <sup>2</sup> (9.3 DIA)] [150mm <sup>2</sup> (16.0 DIA)]	-----	KC31 KC31B1	K2C31 K2C31B1	5/8-11 UNC-2A	.70 [17.8]	.75 [19.1] 1.23 [31.2]	1.43 [36.3]	1.29 [32.8]	2.19 [55.6]	3.19 [81.0] 3.89 [99.7]	1.84 [46.7]	1.69 [42.9]	1.91 [48.5]	2.88 [73.2]	4.38 [111.3]	2.53 [64.3]	650 [165.1]	660 [167.6]
3/0 (.470 DIA) 500 Kcmil (.813 DIA)	-----	[95mm <sup>2</sup> (12.8 DIA)] [240mm <sup>2</sup> (20.3 DIA)]	-----	KC34 KC34B1	K2C34 K2C34B1	3/4-10 UNC-2A	.85 [21.5]	.99 [25.1] 1.49 [37.8]	1.62 [41.1]	1.45 [36.8]	2.38 [60.5]	3.62 [91.9] 4.12 [104.6]	1.97 [50.0]	2.00 [50.8]	2.28 [57.9]	31.9 [81.0]	4.44 [112.8] 4.94 [125.5]	2.78 [70.6]	825 [209.2]	1050 [266.7]
350 Kcmil (.681 DIA) 750 Kcmil (.998 DIA)	-----	[185mm <sup>2</sup> (17.8 DIA)] [300mm <sup>2</sup> (22.6 DIA)]	-----	KC39 KC39B1	K2C39 K2C39B1	7/8-9 UNC-2A	1.01 [25.7]	1.13 [28.4] 1.63 [41.4]	1.88 [47.8]	1.92 [48.8]	2.94 [74.7]	4.32 [109.7] 4.82 [122.4]	2.53 [64.3]	2.31 [58.7]	2.62 [66.5]	3.94 [100.1]	5.32 [135.1] 5.82 [147.8]	3.53 [89.7]	1000 [254.0]	1700 [426.7]
500 Kcmil (.813 DIA) 1000 Kcmil (1.152 DIA)	-----	[300mm <sup>2</sup> (22.6 DIA)] [500mm <sup>2</sup> (28.3 DIA)]	-----	KC44 KC44B1	K2C44 K2C44B1	1-8 UNC-2A	1.17 [29.6]	1.19 [30.2] 1.63 [41.4] 4.29 [109.1]	2.12 [53.8]	2.12 [53.8]	3.23 [82.0]	4.73 [120.3] 5.23 [132.8]	2.83 [71.9]	2.56 [65.0]	2.91 [73.9]	4.39 [111.5]	5.89 [149.6] 6.42 [163.1]	3.99 [101.3]	1100 [274.3]	2550 [642.2]



NOTES: FIG. 1

FIG. 2

FIG. 3

FIG. 4

1. MATERIAL: LEADED COMMERCIAL BRONZE
2. FINISH: NONE
3. ALL ITEMS ARE UL 486A LISTED, FILE NO. E9498 AND CSA LISTED C22.2 NO. 65, FILE NO. 42861. UNLESS OTHERWISE NOTED.
4. DIMENSIONS IN [ ] BRACKETS ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST TENTH OF A MILLIMETER, UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY.

SERVIT POST™ - MALE				SCALE
CAT NO. KC-- , K2C-- (SEE TABLE)				FULL SIZE
19	11/11/98	REVISED NOTE 3, CHANGED FILE NO. FROM 0800, TO 0801 AND 0802 (SEE 19)	KRB	BM
18	3/15/98	REVISED NOTE 3, CHANGED STRANDED DIMENSIONS FOR 1/2-13 UNC-2A TO 1/2-13 UNC-2A (SEE 19)	RDP	JLM
17	11/20/95	REVISED NOTE 3, CHANGED DIMENSIONS AND FINISH, 1/2-13 UNC-2A TO 1/2-13 UNC-2A (SEE 19)	JWA	JLM
16	8/30/95	REVISED NOTE 3, CHANGED DIMENSIONS AND FINISH, 1/2-13 UNC-2A TO 1/2-13 UNC-2A (SEE 19)	JWA	JLM
15	7/22/94	REVISED NOTE 3, CHANGED DIMENSIONS AND FINISH, 1/2-13 UNC-2A TO 1/2-13 UNC-2A (SEE 19)	JPG	DGF
14	4/19/94	REVISED NOTE 3, CHANGED DIMENSIONS AND FINISH, 1/2-13 UNC-2A TO 1/2-13 UNC-2A (SEE 19)	RDP	DGF
REV.	DATE	DESCRIPTION	BY	C.K'D.

FRAMATONE CONNECTORS USA INC.  
BURNBY ELECTRICAL  
MANNHEIM, NH 03108  
U. S. A.  
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DRAWING NO. SD55917  
SHEET 1 OF 1