



D38999/20

MIL-DTL-38999

Square Flange Wall Mount Environment Resistant Receptacle

Series III - Threaded Coupling

SHELL SIZE	SHEL SIZE COD	Ξ	W	\	V '	VV Thd -6g 0.100R				
9	Α	.098	8/.083 [2.5/2.1]	.144/.083	3 [3.65/2.10]	M12 x 1.0				
11	В	.098	8/.083 [2.5/2.1]	.144/.083	3 [3.65/2.10]	M15 x 1.0				
13	С	.098	8/.083 [2.5/2.1]	.144/.083	3 [3.65/2.10]	M18 x 1.0				
15	D	.098	8/.083 [2.5/2.1]	.144/.083	3 [3.65/2.10]	M22 x 1.0] ,	4 0 4 0 5 0 4 5	7.84837	
17	E	.098	8/.083 [2.5/2.1]	.144/.083	3 [3.65/2.10]	M25 x 1.0	_	1.240 [31.5	J MAX	
19	F	.098	8/.083 [2.5/2.1]	.144/.083	3 [3.65/2.10]	M28 x 1.0				
21	G	.120	6/.083 [3.2/2.1]	.171/.083	3 [4.35/2.10]	M31 x 1.0	W <3>	_		
23	Н	.120	6/.083 [3.2/2.1]	.171/.083	3 [4.35/2.10]	M34 x 1.0	W' <4>	_		
25	J	.12	6/.083 [3.2/2.1]	.171/.083	3 [4.35/2.10]	M37 x 1.0	V <3>			
S	2 PL	())))						INFORMATIO PAGE
		+++++++++++++++++++++++++++++++++++++++	R1 - 2 PL - R2 - 2 PL	(FULLY M		- PP 4 PL P 4 PL 520/.500 [1 ICATOR BAN			BLUE BB Thd	VV Thd BAND
	SHELL	SHELL	2 PL 	(FULLY M		P 4 PL 520/.500 [1		S	BLUE	
-	SHELL	SHELL	2 PL R2 - 2 PL BB Thd CLASS 2A	ØP ±.008	PP ±.008	P 4 PL 520/.500 [1 ICATOR BAN	ND - RED)	±.012	BLUE	V' +.055/000
-	SIZE	SHELL SIZE CODE	2 PL R2 - 2 PL BB Thd CLASS 2A 0.1P-0.3L-TS	ØP ±.008 [±0.20]	PP ±.008 [±0.20]	P 4 PL 520/.500 [1 ICATOR BAN R1 <1>	R2 <2>	±.012 [±0.3]	BLUE BB Thd V +.000/049 [+0.00/-1.25]	V' +.055/000 [+1.4/-0.0]
-	SIZE 9	SHELL SIZE CODE	2 PL R2 - 2 PL BB Thd CLASS 2A 0.1P-0.3L-TS .6250	ØP ±.008 [±0.20] .128 [3.25]	PP ±.008 [±0.20] .216 [5.49]	P 4 PL 520/.500 [1 ICATOR BAN R1 <1> .719 [18.26]	R2 <2> .594 [15.09]	±.012 [±0.3]	BLUE BB Thd V +.000/049 [+0.00/-1.25] .820 [20.83]	V' +.055/000 [+1.4/-0.0] .768 [19.5]
-	9 11	SHELL SIZE CODE A B	2 PL R2 - 2 PL BB Thd CLASS 2A 0.1P-0.3L-TS .6250 .7500	# .008 [±0.20] .128 [3.25] .128 [3.25]	PP ±.008 [±0.20] .216 [5.49] .194 [4.93]	P 4 PL 520/.500 [1 ICATOR BAN R1 <1> .719 [18.26] .812 [20.62]	R2 <2> .594 [15.09] .719 [18.26]	±.012 [±0.3] .938 [23.8] 1.031 [26.2]	BLUE BB Thd V +.000/049 [+0.00/-1.25] .820 [20.83] .820 [20.83]	V' +.055/000 [+1.4/-0.0] .768 [19.5]
-	9 11 13	SHELL SIZE CODE A B C	2 PL R2 - 2 PL BB Thd CLASS 2A 0.1P-0.3L-TS .6250 .7500 .8750	# .008 [±0.20] .128 [3.25] .128 [3.25] .128 [3.25]	PP ±.008 [±0.20] .216 [5.49] .194 [4.93]	P 4 PL 520/.500 [1 ICATOR BAN R1 <1> .719 [18.26] .812 [20.62] .906 [23.01]	R2 <2> .594 [15.09] .719 [18.26] .812 [20.62]	±.012 [±0.3] .938 [23.8] 1.031 [26.2] 1.125 [28.6]	BLUE BB Thd V +.000/049 [+0.00/-1.25] .820 [20.83] .820 [20.83]	V' +.055/000 [+1.4/-0.0] .768 [19.5] .768 [19.5]
-	9 11 13	SHELL SIZE CODE A B C D	2 PL R2 - 2 PL BB Thd CLASS 2A 0.1P-0.3L-TS .6250 .7500 .8750 1.0000	### DESTRICT OF CONTROL	PP ±.008 [±0.20] .216 [5.49] .194 [4.93] .194 [4.93]	P 4 PL 520/.500 [1 ICATOR BAN R1 <1> .719 [18.26] .812 [20.62] .906 [23.01] .969 [24.61]	R2 <2> .594 [15.09] .719 [18.26] .812 [20.62] .906 [23.01]	±.012 [±0.3] .938 [23.8] 1.031 [26.2] 1.125 [28.6] 1.219 [31.0]	BLUE BB Thd V +.000/049 [+0.00/-1.25] .820 [20.83] .820 [20.83] .820 [20.83]	V' +.055/000 [+1.4/-0.0] .768 [19.5] .768 [19.5] .768 [19.5]
-	9 11 13 15	SHELL SIZE CODE A B C D E	2 PL R2 - 2 PL BB Thd CLASS 2A 0.1P-0.3L-TS .6250 .7500 .8750 1.0000 1.1875	±.008 [±0.20] .128 [3.25] .128 [3.25] .128 [3.25] .128 [3.25] .128 [3.25]	PP ±.008 [±0.20] .216 [5.49] .194 [4.93] .194 [4.93] .194 [4.93]	P 4 PL 520/.500 [1 ICATOR BAN R1 <1> .719 [18.26] .812 [20.62] .906 [23.01] .969 [24.61] 1.062 [26.97]	R2 <2> .594 [15.09] .719 [18.26] .812 [20.62] .906 [23.01] .969 [24.61]	±.012 [±0.3] .938 [23.8] 1.031 [26.2] 1.125 [28.6] 1.219 [31.0] 1.312 [33.3]	BLUE BB Thd V +.000/049 [+0.00/-1.25] .820 [20.83] .820 [20.83] .820 [20.83] .820 [20.83]	V' +.055/000 [+1.4/-0.0] .768 [19.5] .768 [19.5] .768 [19.5] .768 [19.5] .768 [19.5]
1 -	9 11 13 15 17	SHELL SIZE CODE A B C D E	2 PL R2 - 2 PL BB Thd CLASS 2A 0.1P-0.3L-TS .6250 .7500 .8750 1.0000 1.1875 1.2500	#.008 [±0.20] .128 [3.25] .128 [3.25] .128 [3.25] .128 [3.25] .128 [3.25] .128 [3.25]	PP ±.008 [±0.20] .216 [5.49] .194 [4.93] .194 [4.93] .194 [4.93] .194 [4.93]	P 4 PL 520/.500 [1 ICATOR BAN R1 <1> .719 [18.26] .812 [20.62] .906 [23.01] .969 [24.61] 1.062 [26.97] 1.156 [29.36]	R2 <2> .594 [15.09] .719 [18.26] .812 [20.62] .906 [23.01] .969 [24.61] 1.062 [26.97]	±.012 [±0.3] .938 [23.8] 1.031 [26.2] 1.125 [28.6] 1.219 [31.0] 1.312 [33.3] 1.438 [36.5]	BLUE BB Thd V +.000/049 [+0.00/-1.25] .820 [20.83] .820 [20.83] .820 [20.83] .820 [20.83] .820 [20.83]	**ND** **V** **.055/000 [+1.4/-0.0] .768 [19.5] .768 [19.5] .768 [19.5] .768 [19.5] .768 [19.5] .768 [19.5]
-	9 11 13 15	SHELL SIZE CODE A B C D E	2 PL R2 - 2 PL BB Thd CLASS 2A 0.1P-0.3L-TS .6250 .7500 .8750 1.0000 1.1875	±.008 [±0.20] .128 [3.25] .128 [3.25] .128 [3.25] .128 [3.25] .128 [3.25]	PP ±.008 [±0.20] .216 [5.49] .194 [4.93] .194 [4.93] .194 [4.93] .194 [4.93] .194 [4.93]	P 4 PL 520/.500 [1 ICATOR BAN R1 <1> .719 [18.26] .812 [20.62] .906 [23.01] .969 [24.61] 1.062 [26.97] 1.156 [29.36] 1.250 [31.75]	R2 <2> .594 [15.09] .719 [18.26] .812 [20.62] .906 [23.01] .969 [24.61]	±.012 [±0.3] .938 [23.8] 1.031 [26.2] 1.125 [28.6] 1.219 [31.0] 1.312 [33.3]	BLUE BB Thd V +.000/049 [+0.00/-1.25] .820 [20.83] .820 [20.83] .820 [20.83] .820 [20.83]	V' +.055/000 [+1.4/-0.0] .768 [19.5] .768 [19.5] .768 [19.5] .768 [19.5] .768 [19.5]

DIMENSIONS ARE IN INCHES [MILLIMETERS]

<2> = REAR PANEL MOUNTING ONLY

<3> = FOR CLASS F, G, K, S, & W

<4> = FOR CLASS J & M