

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS39029.



TABLE 1 - CONTACT DIMENSIONS

BIN CODE	A REF	B DIA	C DIA	D DIA	E DIA	F DIA MAX	G DIA	H	J	K MIN	M	N°	P DIA MIN
494 THRU 497	.518 (13.16)	.031 (0.79) MIN	.062 (1.57) .060 (1.52)	.022 (0.56) .018 (0.46)	.0355 (0.90) .0335 (0.85)	.062 (1.57)	.048 (1.22) .046 (1.17)	.005 (0.13) .003 (0.08)	.289 (7.34) .279 (7.09)	.141 (3.58)	N/A	50° 44°	.047 (1.19)
498 THRU 501		.0415 (1.05) MIN	.094 (2.39) .091 (2.31)	.032 (0.81) .026 (0.66)	.048 (1.22) .046 (1.17)	.078 (1.98)	.070 (1.78) .068 (1.73)	.010 (0.25) .005 (0.13)		.209 (5.31)	.078 (1.98) .072 (1.83)	47° 28°	.053 (1.35)
502 THRU 505		.064 (1.63) MIN	.130 (3.30) .127 (3.23)	.042 (1.07) .036 (0.914)	.068 (1.73) .066 (1.68)	.113 (2.87)	.103 (2.62) .101 (2.57)				.088 (2.24) .082 (2.08)		.084 (2.13)

TABLE 2 - MARKING AND DESIGN CHARACTERISTICS

BIN CODE	COLOR BANDS			MATING END SIZE	WIRE BARRELL SIZE	TYPE	CLASS
	1 ST	2 ND	3 RD				
494	YELLOW	WHITE	YELLOW	22	22D	C (SEE TABLE 4)	B
495	YELLOW	WHITE	GREEN	22	22D		
496	YELLOW	WHITE	BLUE	22	22D		
497	YELLOW	WHITE	VIOLET	22	22D		
498	YELLOW	WHITE	GRAY	20	20		
499	YELLOW	WHITE	WHITE	20	20		
500	GREEN	BLACK	BLACK	20	20		
501	GREEN	BLACK	BROWN	20	20		
502	GREEN	BLACK	RED	16	16		
503	GREEN	BLACK	ORANGE	16	16		
504	GREEN	BLACK	YELLOW	16	16		
505	GREEN	BLACK	GREEN	16	16		

	AEROSPACE STANDARD	AS39029™/89	REV.
	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE (THERMOCOUPLE FOR MIL-DTL-38999 SERIES II, MIL-DTL-83733, AND MIL-DTL-24308 CONNECTORS)	SHEET 2 OF 6 	B

