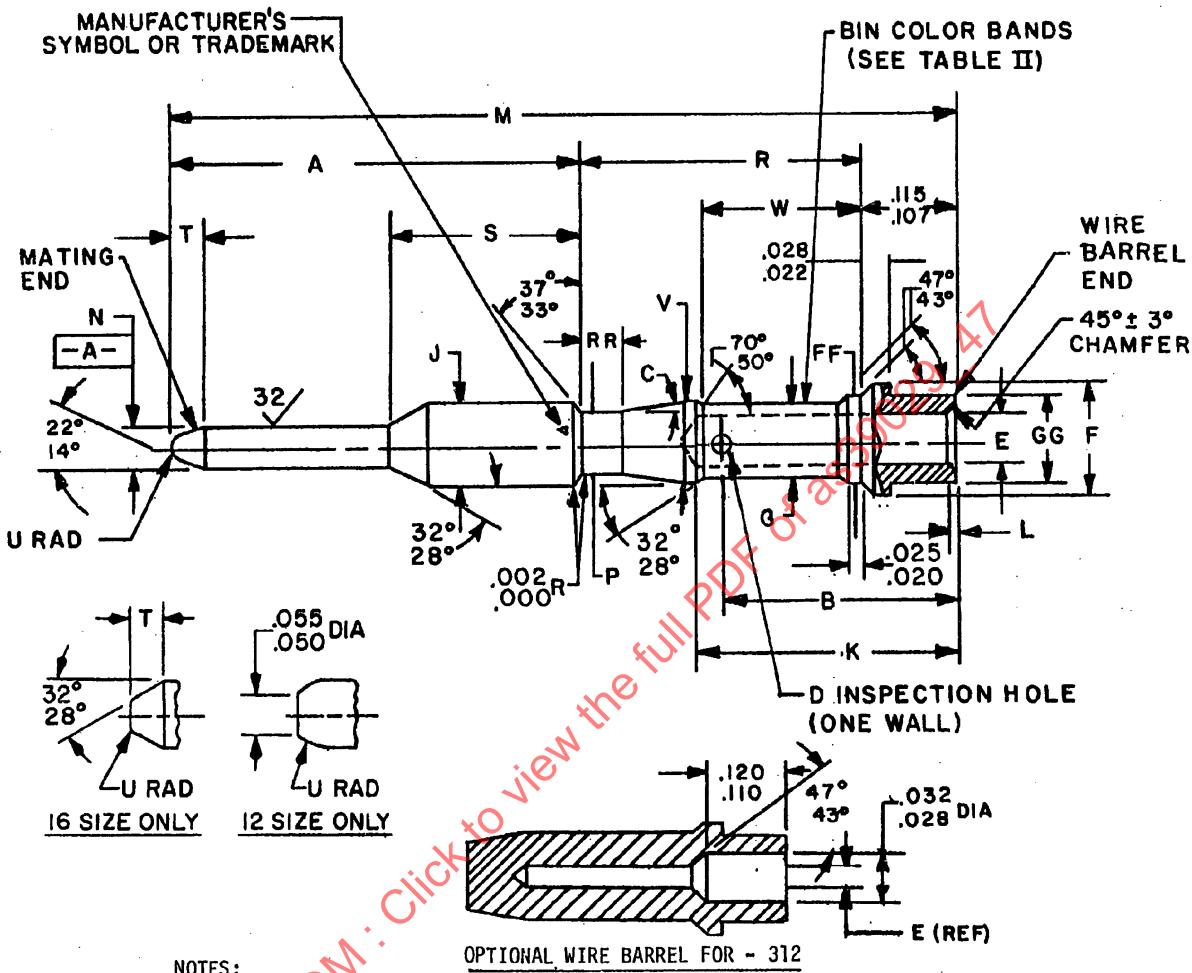


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THE COMPLETE REQUIREMENTS FOR ACQUIRING THE CONTACTS DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF MIL-C-39029.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Metric equivalents are in parentheses for overall length and diameter only.
4. Dimensions shown apply after plating.

FIGURE 1. CONNECTOR CONTACT.

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<u>Dimensions.</u>													
BIN code	A	B	C (DEG)	D DIA	E DIA	F DIA	FF DIA	G DIA	GG DIA	J DIA	K	L	
312	.391 .382	.201	8	.022	.020 .018	.064 (1.63)	N/A	.0545	.050	.051	.235	.006 .003	
314		.190	7	.018	.037 .035	.062 (1.57)		.052	.048	.049	.215		
316		.252	11	.032	.050 .048	.103 (2.62) .100 (2.54)		.078	.078	.078	.276		
337		.241			.068 .066	.133 (3.38) .130 (3.30)	.113 .110	.105 .101	.103 .101	.113 .110	.286 .266		
339		.246	10	.026	.102 .098	.190 (4.83) .187 (4.75)	.161 .158	.152 .148	.158 .155	.161 .158	.296 .276	.010 .005	

BIN code	M (REF)	N DIA	P DIA	R	RR	S	T	U RAD	V DIA	W	APPROX. WEIGHT (LBS)
312	.749 (19.02)	.0275	.039	.254			.029	.009	N/A	N/A	.00037
314		.0265	.036	.249			.024	.006			.00031
316	.745 (19.15)	.041 .039	.065 .062	.259	.030 Min.	.186 .179	.030 .025	.016 .010	.0805 .078	.120 .114	.00066
337		.0635 .0615	.099 .096							N/A	N/A
339		.095 .093	.145 .142		.254		N/A	.041 .031			

FIGURE 1. CONNECTOR CONTACT - CONTINUED.

REQUIREMENTS:

Dimensions, design characteristics, and configuration: See figure 1 and table I.

Tools: See table II.

Vibration: Method 2005 of MIL-STD-1344, test condition IV.

Shock (specified pulse): Method 2004 of MIL-STD-1344, test condition A.

Mating contact: MIL-C-39029/45 and MIL-C-39029/33, MIL-C-39029/16 and MIL-C-39029/17.

NOTE: For MIL-C-81511 connectors, series 1 is intermateable with series 3 and series 2 is intermateable with series 4. The respective contacts for these connectors are required to be intermateable but are not interchangeable.

QPL evaluating activity: Naval Avionics Center, Code B-714, Indianapolis, Indiana 46218.

Military part number: See table III.

TABLE I. DESIGN CHARACTERISTICS.

BIN code	Color bands			Mating end size	Wire barrel size	Type	Class
	1st	2nd	3rd				
312	Orange	Brown	Red	23	28	A	B
314	Orange	Brown	Yellow	23	22	A	B
316	Orange	Brown	Blue	20	20	A	B
337	Orange	Orange	Violet	15	15	A	B
339	Orange	Orange	White	12	12	A	B

TABLE II. TOOLS.

BIN code	Basic crimping tool	Positioner	Installing tool	Removal tool
312	M22520/2-01	M22520/2-03	M81969/2-01	M81969/3-05
314	M22520/2-01	M22520/2-03	M81969/2-01	M81969/3-05
316	M22520/1-01 M22520/7-01	M22520/1-08 Red M22520/7-09	M81969/2-02	M81969/3-06
337	M22520/1-01 M22520/7-01	M22520/1-08 Blue M22520/7-10	M81969/2-03	M81969/3-07
339	M22520/1-01	M22520/1-08 Yellow	M81969/2-04	M81969/3-08