

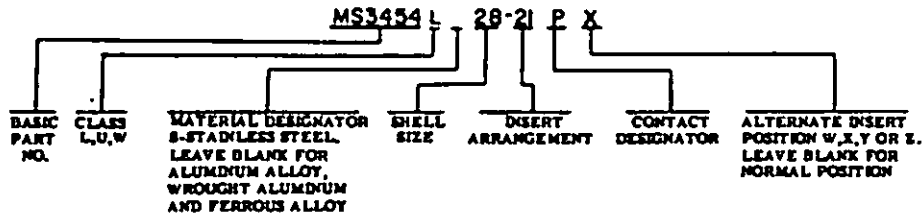
**CLASSES L,U, & W ENVIRONMENT RESISTANT**

**CLASS K CANCELLED AFTER 5 APR 72.**

- NOTES:
1. DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS  $\pm .015$ .
  2. DIMENSIONS AND TOLERANCING IN ACCORDANCE WITH ANSI Y14.5-1973
  3. MIL-C-5013 FRONT AND REAR RELEASE CRIMP CONTACT, AND SOLDER CONTACT CONNECTORS ARE INTERMATEABLE.
  4. UNLESS OTHERWISE SHOWN, CORRESPONDING FEATURES OF PIN AND SOCKET CONTACT CONNECTORS ARE IDENTICAL.
  5. FOR INSERT ARRANGEMENTS SEE MIL-STD-1631.

CLASS U INACTIVE FOR DESIGN AFTER 23 MAR 76  
USE CLASS L FOR NEW DESIGN

**EXAMPLE OF PART NO: MS3454L 28-21P X**



FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON THE DATE OF INVITATIONS FOR BID.

FOR CHANGES SEE SHEETS 1 & 2

APPROVED OCTOBER 18 1971 REVISED 23 MAR 76

This standard is approved for use by all Departments and Agencies of the Department of Defense. Rejection for all new engineering and design applications and for repetitive use shall be shown from this document.

User activities: Army, Navy, Air Force  
 Activities: Army AT, AV, ME, MI, MU, Navy EC, Air Force 11, 17, 80, 85  
 Revis:

P.A. NAVY-AS Other Cust ARMY-EL AF-85	International Interest	TITLE	MILITARY STANDARD
		CONNECTORS, RECEPTACLE, ELECTRICAL, JAM NUT MOUNTING, REAR RELEASE CRIMP CONTACT, AN TYPE	MS3454
Procurement Specification MIL-C-5015		SUPERSEDES:	SHEET 1 OF 2

©

SIZE	L MAX.		M ± 005	N + .000 - .005	S ± 005	SS ± 005	U ± 000
	SIZE 16 & 12 CONT'S	SIZE 8, 4, & 0 CONT'S					
85	2.031		.720	.500	1.187	1.272	.687
105				.625	1.312	1.397	.612
105L				.625	1.312	1.397	.612
125	2.031		.720	.750	1.437	1.522	.837
17	2.125		.970	.750	1.437	1.522	.937
145	2.031		.720	.875	1.562	1.647	1.125
14	2.125		.970	.875	1.562	1.647	1.125
165	2.031		.720	1.000	1.687	1.772	1.250
18	2.125	2.500	.970	1.000	1.687	1.772	1.250
18				1.125	1.812	1.897	1.375
20				1.250	1.937	2.022	1.500
22				1.375	2.156	2.241	1.625
24				1.500	2.281	2.366	1.750
28				1.750	2.531	2.616	2.000
32				2.000	2.781	2.866	2.275
38				2.250	3.031	3.116	2.625
40				2.500	3.281	3.366	2.875
44				2.750	3.536	3.741	3.125
48	2.125	2.500	.970	3.000	3.906	3.891	3.375

SIZE	O + .015 - .000	Z ± 005	DD ± 008 O RING PROJECT.	ORNG SIZE A R.P. 568 NO.
85	.505	.323	.070	-070
105	.630	.385		-077
105L	.630	.385		-077
125	.755	.448		-074
12	.755	.448		-074
145	.880	.510		-076
14	.880	.510		-076
165	1.005	.573		-078
16	1.005	.573		-078
18	1.130	.635		-079
20	1.255	.698	.070	-030
22	1.380	.760	.070	-132
24	1.505	.823		-134
28	1.755	.848		-138
32	2.005	1.073		-142
38	2.255	1.198		-148
40	2.505	1.323		-150
44	2.755	1.448		-152
48	3.005	1.573	.070	-153

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Reviewer activities: Army AT, AV, ME, MI, MU  
Navy EC  
Air Force 11, 17, 80, 85

User activities: Army  
Navy  
Air Force

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P.A NAVY-AS Other Cust ARMY-EL AF-85	International Interest	TITLE CONNECTORS, RECEPTACLE, ELECTRICAL, JAM NUT MOUNTING, REAR RELEASE CRIMP CONTACT, AN TYPE	MILITARY STANDARD
			MS3454
Procurement Specification MIL-C-5015		SUPERSEDES:	SHEET 2 OF 2