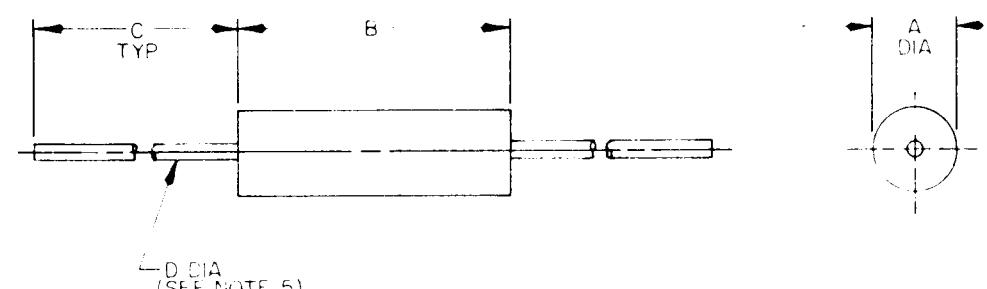


This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

User activities: Army WC, SL, MU  
Navy AS, MC, SH, OS  
Air Force 19  
Reviewer activities: Army MI, SL  
Navy Air Force 11, 17, 80  
DSA-ES

FED. SUP CLASS 5950																																																																																																									
																																																																																																									
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APPROVED 15 Jun 65 REVISED <sup>(A)</sup> 15 Jun 73

User activities: Army WC, SL, MU  
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Air Force 11, 17, 80  
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Reviewer activities: Army MI, SL  
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FED. SUP CLASS  
5950

Electrical Characteristics (Final) A				
Inspection Group	Allowable variation from initial measurement		Allowable % from specified minimum value in Electrical Characteristics (initial) table	
	Inductance Percent	DC resistance	Self-resonant frequency	Q
Qualification Inspection				
Group II	$\pm 2$	--	--	-10
Group III	$\pm 5$	$\pm (3\% + .001 \text{ ohm})$	- 8	-10
Group IV	$\pm 5$	$\pm (2\% + .001 \text{ ohm})$	-10	-15
Quality Conformance Inspection				
Group C Subgroup I	$\pm 2$	--	--	-10
Subgroup II	$\pm 5$	$\pm (2\% + .001 \text{ ohm})$	-10	-15
Subgroup III	$\pm 5$	$\pm (3\% + .001 \text{ ohm})$	- 8	-10

A) NOTES:

- Dimensions are in inches.
- Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
- These coils are intended to be mounted by the body.
- The polarizing voltage during the moisture-resistance tests is applied with the positive lead connected to the coil terminals tied together, and the negative lead connected to the metal strap.
- Tinned, solid copper wire, AWG #20.
- Barometric pressure test (test condition C) is applicable.
- Shock, specified pulse, method 213, test condition I, is applicable.
- Referenced document shall be the issue in effect on date of invitation for bid.
- This standard takes precedence over the procurement specification referenced herein.

APPROVED 15 Jun 65 REVISED A) For changes see pages 1 and 2.

P.A. Army-EL Other Cus, AF-80 NAVY-EC	International interest	TITLE A) COILS, RADIO FREQUENCY, MOLDED, FIXED SUBMINIATURE (IRON CORE), TYPES LT10K050 TO LT10K060 INCL.	MILITARY STANDARD MS 90541
Procurement Specification MIL-C-15305	SUPERSEDES:		PAGE 2 OF 2

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
1 SEP 63

5950-0454-4