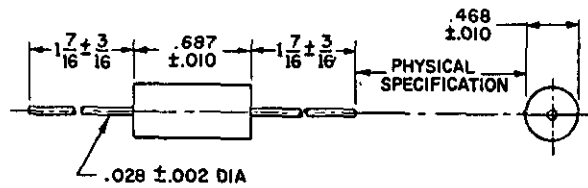


FED. SUP CLASS  
5950

## RATINGS

STYLE ----- LT4  
 GRADE ----- 1  
 CLASS ----- B  
 MAXIMUM OPERATING TEMPERATURE ----- 125°C  
 TEMPERATURE RISE ----- 35°C  
 AMBIENT TEMPERATURE ----- 90°C  
 WORKING VOLTAGE ----- 250 VOLTS  
 TERMINAL PULL ----- 5 POUNDS  
 ALTITUDE ----- 70,000 FEET



ALL DIMENSIONS IN INCHES

## ELECTRICAL CHARACTERISTICS (INITIAL)

Dash No. 1/	Type designation	Replaced type designation	Replaced MS part No.	Inductance	Q min	Test frequency	Self-resonant frequency, min.	DC resistance max	Rated dc current 2/
				uh		Mc	Mc	Ohms	ma
-1	LT4K069	LT7K228	MS16223-18	1,500 ± 10%	85	0.250	2.2	22.0	127
-2	LT4K070	LT7K229	MS16223-19	2,200 ± 10%	85	0.250	1.8	27.0	115
-3	LT4K071	LT7K230	MS16223-20	2,700 ± 10%	85	0.250	1.6	32.0	105
-4	LT4K072	LT7K231	MS16223-21	5,100 ± 10%	70	0.250	1.0	66.0	73
-5	LT4K073	LT7K232	MS16223-22	10,000 ± 10%	70	0.250	0.8	70.0	71

- 1/ The dash number added to the MS military-standard number constitutes the MS part number; for example MS75055-1.  
 2/ For the overload test, the current shall be dc and 1½ times the rated dc current.

## ELECTRICAL CHARACTERISTICS (FINAL)

Inspection group	Allowable variation from initial measurement			
	Inductance	Q	Self-resonant frequency	DC resistance
	Percent	Percent	Percent	Percent
Qualification inspection:				
Group II	2	20	5	2
Group III	5	15	10	2
Acceptance inspection:				
Group B	2	10	5	2
Group C	5	15	10	2

## NOTES:

1. THE BAROMETRIC-PRESSURE TEST (TEST-CONDITION LETTER C) IS APPLICABLE.
2. INITIAL INSULATION-RESISTANCE TEST, AND INSULATION-RESISTANCE MEASUREMENTS FOLLOWING OTHER TESTS, ARE APPLICABLE.
3. THE TEMPERATURE-RISE, TERMINAL-TWIST, AND SHOCK (METHOD I, CONDITION C, 50G) TESTS ARE APPLICABLE.
4. THE POLARIZING VOLTAGE DURING THE MOISTURE-RESISTANCE TEST IS APPLIED WITH THE POSITIVE LEAD CONNECTED TO THE COIL TERMINALS TIED TOGETHER, AND THE NEGATIVE LEAD CONNECTED TO THE METAL STRAP.
5. REFERENCED DOCUMENT SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
6. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENT REFERENCED HEREIN.
7. VIBRATION-TEST II, TEST CONDITION B, IS APPLICABLE, IN ADDITION UNITS SHALL BE RIGIDLY MOUNTED BY THE BODY.

B

**CANCELED AFTER** 19 SEPTEMBER 1972  
**USE MS14050**

P.A. Other Cust	Ships EL ASD	TITLE COILS, RADIOFREQUENCY, MOLDED, TYPES LT4K069 TO LT4K073, INCL.	MILITARY STANDARD MS75055
PROCUREMENT SPECIFICATION MIL-C-15305	SUPERSEDES: Part Nos. MS16223-18 through MS16223-22	SHEET 1 OF 1	

military standard is approved by the Department of Defense and is  
 advisory on all activities. Selection for all new engineering and design  
 applications and for repetitive use shall be made from this document.

APPROVED 9 May 1963  
 REVISED 23 April 1964  
 19 September 1972