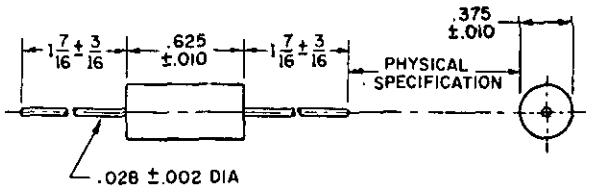
FED. SUP CLASS
5950

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	LT4K064	LT7K223	MS16223-13	470 ±10%	80	0.790	3.7	9.0	190
-2	LT4K065	LT7K224	MS16223-14	560 ±10%	80	0.790	3.5	10.0	180
-3	LT4K066	LT7K225	MS16223-15	680 ±10%	75	0.790	3.2	11.2	170
-4	LT4K067	LT7K226	MS16223-16	820 ±10%	75	0.790	3.0	13.0	155
-5	LT4K068	LT7K227	MS16223-17	1,000 ±10%	70	0.790	2.7	14.5	145

1/ The dash number added to the MS military-standard number constitutes the MS part number; for example MS75054-1.
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 MS14049

APPROVED 9 May 1963 REVISED (A) 23 April 1964 (B) 19 September 1972

P.A. Ships Other Cust EL ASD	TITLE COILS, RADIOFREQUENCY, MOLDED, TYPES LT4K064 TO LT4K068, INCL	MILITARY STANDARD MS 75054
PROCUREMENT SPECIFICATION MIL-C-15305	SUPERSEDES: MS16223 In part Part Nos. MS16223-13 through MS16223-17.	SHEET 1 OF 1

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