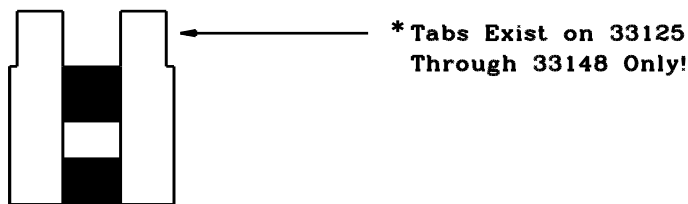
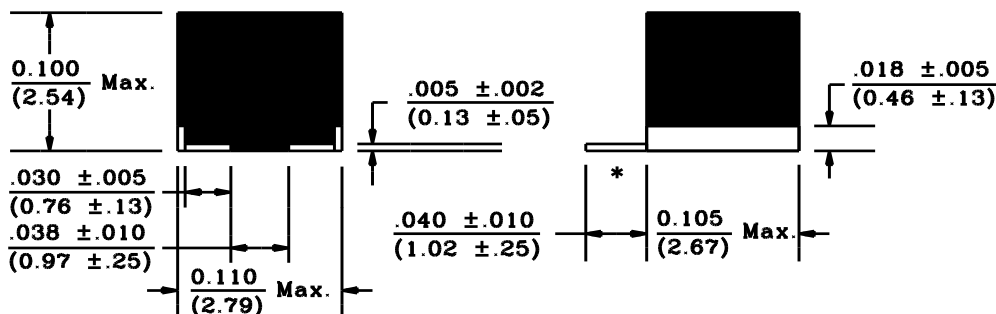
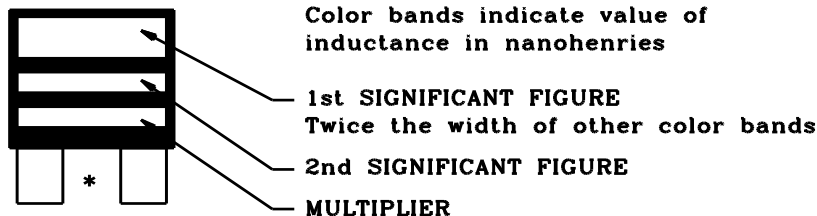


Notes:

1. These parts are qualified to meet all the requirements of MIL-PRF-83446/06.
2. Exception to Table II of MIL-STD-981 for Class S devices, for Part Numbers 33106 through 33124, and 33130 through 33148 due to the AWG wire size is smaller than 44 (45 through 50).

REVISIONS			
REV.	DESCRIPTION	DATE	BY



Terminations: Phosphor bronze with tin-lead plating.
Termination finish: F (Solder dip using Sn63 solder)

Classification

MIL-PRF-83446/06-YYF
YY corresponds to the M83446/06 Dash Number (see Sheet 2)
Maximum Ambient Temperature: 90° C

MIL-STD-981 Quality Assurance Provisions

Class	Description	Drawing Number ¹
C	Commercial Parts	(C/ACM P/N) ² -30
B	Group A Inspection	(C/ACM P/N)-31B
E	Group A Inspection	(C/ACM P/N)-31S
S	Group A Inspection	(C/ACM P/N)-31S and Group B Inspection (C/ACM P/N)-85

¹ The germane data will ship with the hardware.
² See Sheet 2 for C/ACM P/N

Electrical Characteristics Per Table on Sheet 2

These Parts Are Manufactured in Strict Compliance to MIL-STD-981, Except as Noted.

The "X" in the part number refers to the Quality Level (C, B, E or S), see Quality Assurance Provisions above.	UNLESS OTHERWISE SPECIFIED: Dimensions are in inches, (or millimeters), tolerances are: Fractions Decimals Angles ±1/64 .X = ±0.1 ±1/2° .XX = ±0.03 .XXX=±0.010	COAST/ACM			
		TITLE Coils, RF, Chip, Fixed			
		FSCM 22558	DWG. NO 33100X	REV.	
DO NOT SCALE DRAWING	DRAWN BY Jim Allen	DATE 11/19/03	SCALE: none	MAX. WT.: 0.5 grams	SHEET 1 OF 2

With Tabs		Without Tabs		Inductance (μ H) $\pm 10\%$	Q Min.	Q Typ.	Test Freq (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	Current (mA) Max.
C/ACM P/N	M83446/06 Dash No.	C/ACM P/N	M83446/06 Dash No.							
33101	01F	33125	25F	12	42	50	2.5	26	2.0	110
33102	02F	33126	26F	15	44	52		24	2.2	105
33103	03F	33127	27F	18	44	52		21	2.8	100
33104	04F	33128	28F	22	48	55		20	3.5	85
33105	05F	33129	29F	27	49	57		19	4.3	75
33106	06F	33130	30F	33	50	58		14	5.5	68
33107	07F	33131	31F	39	52	60		12	6.5	61
33108	08F	33132	32F	47	53	62		11	8.5	54
33109	09F	33133	33F	56	56	60		10	12	46
33110	10F	33134	34F	68	53	62		9	13	42
33111	11F	33135	35F	82	49	57		8	15	40
33112	12F	33136	36F	100	49	57		7	18	36
33113	13F	33137	37F	120	37	45		6	21	34
33114	14F	33138	38F	150	30	38		5	26	31
33115	15F	33139	39F	180	30	38	5	28	29	
33116	16F	33140	40F	220	26	32	4.5	32	28	
33117	17F	33141	41F	270	26	32	4.0	36	26	
33118	18F	33142	42F	330	24	30	0.79	3.7	42	24
33119	19F	33143	43F	390	24	30		3.5	46	23
33120	20F	33144	44F	470	24	30		3.0	68	19
33121	21F	33145	45F	560	22	28		2.8	77	18
33122	22F	33146	46F	680	20	26		2.5	85	17
33123	23F	33147	47F	820	16	22		2.0	100	16
33124	24F	33148	48F	1000	12	18		1.5	120	15

COAST/ACM	TITLE Coils, RF, Chip, Fixed	
	DWG. NO.: 33100X	SHEET 2 OF 2