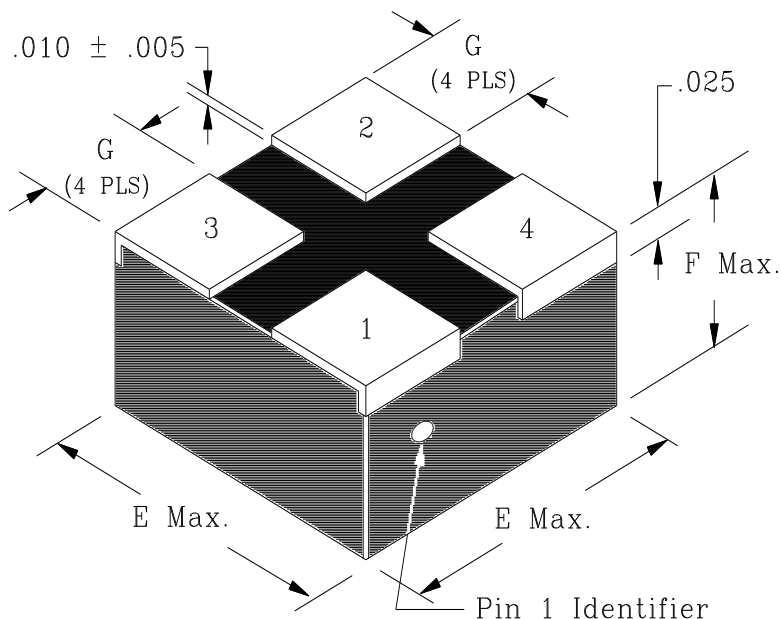


Notes:

1. These parts are qualified to meet all the requirements of MIL-PRF-83446, and MIL-STD-981.
2. Add suffix "A" to C/ACM part number to specify Gold plated terminations. Standard is Sn63 Solder.

REVISIONS			
REV.	DESCRIPTION	DATE	BY

PHYSICAL PARAMETERS			
Size	E	F	G ± 0.010
A	0.260	0.230	0.085
B	0.410	0.230	0.135
C	0.410	0.310	0.135
D	0.535	0.310	0.200



Coplanarity pad to pad is 0.003" max. (by design only, prior to solder coating, not inspectible)

Classification

DESC Drawing Number 93027

Maximum Ambient Temperature: 95° C

Operating Temperature: -55° C to +125° 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

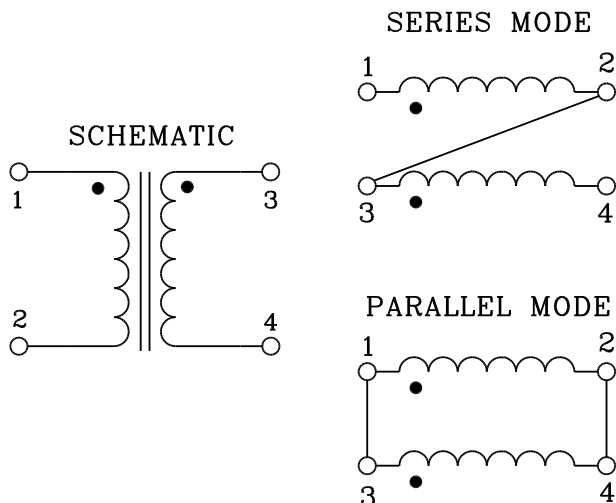
¹ The germane data will ship with the hardware.

² See Sheet 2 for C/ACM P/N

Electrical Characteristics Per Table on Sheet 2

Inductance is measured at 0.1 VRMS 10kHz, 0 ADC

Maximum Inductance drop at rated DC Current is 30%



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, and tolerances are:		COAST/ACM		
	Fractions	Decimals	Angles	TITLE DESC 93027 Inductors	
	±1/64	.X = ±0.1 .XX = ±0.03 .XXX = ±0.010	±1/2°	FSCM 22558	DWG. NO 93000X
DO NOT SCALE DRAWING	DRAWN BY Jim Allen	DATE 04/18/03	SCALE: none	MAX. WT.: 4 grams	SHEET 1 OF 2

C/ACM P/N	DESC Dash No.	SERIES			PARALLEL			Size
		Inductance (mH) \pm 10%	Rated IDC (mA)	Maximum DCR (Ω)	Inductance (mH) \pm 10%	Rated IDC (mA)	Maximum DCR (Ω)	
93001	01	0.10	300	1.60	0.025	600	0.400	A
93002	02	0.10	600	0.96	0.025	1200	0.240	B
93003	03	0.10	780	0.37	0.025	1560	0.093	C
93004	04	0.10	1350	0.21	0.025	2700	0.053	D
93005	05	0.25	200	3.11	0.062	400	0.778	A
93006	06	0.25	400	1.96	0.062	800	0.495	B
93007	07	0.25	530	0.82	0.062	1060	0.205	C
93008	08	0.25	930	0.41	0.062	1860	0.103	D
93009	09	0.50	150	6.14	0.125	300	1.54	A
93010	10	0.50	300	3.35	0.125	600	0.84	B
93011	11	0.50	380	1.62	0.125	760	0.42	C
93012	12	0.50	660	0.82	0.125	1320	0.22	D
93013	13	0.75	120	9.45	0.187	240	2.36	A
93014	14	0.75	250	5.20	0.187	500	1.30	B
93015	15	0.75	310	2.50	0.187	620	0.63	C
93016	16	0.75	540	1.25	0.187	1080	0.31	D
93017	17	1.00	95	12.85	0.25	190	3.21	A
93018	18	1.00	200	6.90	0.25	400	1.73	B
93019	19	1.00	270	3.37	0.25	540	0.84	C
93020	20	1.00	470	1.87	0.25	940	0.47	D
93021	21	2.00	75	25.6	0.50	150	6.40	A
93022	22	2.00	150	12.2	0.50	300	3.05	B
93023	23	2.00	190	6.75	0.50	380	1.69	C
93024	24	2.00	330	3.62	0.50	660	0.91	D
93025	25	3.00	60	38.4	0.75	120	9.60	A
93026	26	3.00	120	18.3	0.75	240	4.58	B
93027	27	3.00	160	10.1	0.75	320	2.53	C
93028	28	3.00	270	5.50	0.75	540	1.38	D
93029	29	5.00	45	64.0	1.25	90	16.0	A
93030	30	5.00	90	30.4	1.25	180	7.60	B
93031	31	5.00	120	16.9	1.25	240	4.22	C
93032	32	5.00	210	9.12	1.25	420	2.28	D
93033	33	7.50	30	96.0	1.87	60	24.0	A
93034	34	7.50	70	46.0	1.87	140	11.5	B
93035	35	7.50	100	25.4	1.87	200	6.35	C
93036	36	7.50	170	13.8	1.87	340	3.44	D
93037	37	10.0	20	128	2.50	40	32.0	A
93038	38	10.0	50	61.0	2.50	100	15.3	B
93039	39	10.0	80	33.8	2.50	160	8.44	C
93040	40	10.0	140	18.3	2.50	280	4.57	D

COAST/ACM	TITLE	DESC 93027 Inductors
	DWG. NO.: 93000X	SHEET 2 OF 2