

HIGH VOLTAGE PULSE CAPACITOR

Maxwell #37667. Rated 0.03 μ F, 35KV \pm 10%. Size 2 1/4" x 4 1/4" x 6".



PIN 45 10504

CAPACITOR SPECIFICATION

MODEL NUMBER: **37667**

MAR 4 1997

PARAMETER	VALUE	UNITS	Q.A.	METHOD
CAPACITANCE:	0.030	μ F	100%	120 Hz, R.T.*
TOLERANCE:	+10, -10	%		
RATED VOLTAGE:	35.0	KV		
TEST VOLTAGE:	40.0	KV	100%	60 sec HIPOT
RATED ENERGY:	18	Joules		
RATED VOLTAGE REVERSAL:	15	%		
MAX. VOLTAGE REVERSAL:	50	%		
MAX. PEAK CURRENT:	25	kA		
MAX. CONTINUOUS REP RATE:	500	pps		
MAX. RMS CURRENT	20	A		
MAX. OPERATING TEMP.	85	$^{\circ}$ C		
MIN. OPERATING TEMP.	-30	$^{\circ}$ C		
DESIGN LIFE AT RATED:	3.0E+08	charge / discharge cycles		
DC LIFE:		hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR	0.20	%	100%	120 Hz, R.T.*
APPROX. INDUCTANCE	20	nH		SAMPLE STANDING WAVE
MIN. INSULATION RESISTANCE	1000	Mohm- μ F		SAMPLE DECAY Vr / R.T.* / 120s / 120s
CASE STYLE:	DOUBLE ENDED PLASTIC			
BUSHING:	FEMALE ELECTRODE			
ELECTRODE STUD:	2 ϕ 10-32 x .28 UNF-2B			
DIMENSIONS:	2.3 x 5.9 x 4.25	inches		
	58 x 150 x 108	mm		
WEIGHT:	2.8	lbs		
	1.3	kg		

NOTES:

- NOTE 1: LEAK TEST: 100 % test and inspection
- NOTE 2: IPBP IMPREGNANT (non-PCB)
- NOTE 3: DESIGN LIFE @ 30 KV, 15 % VR = $\sim 10^{-9}$ th

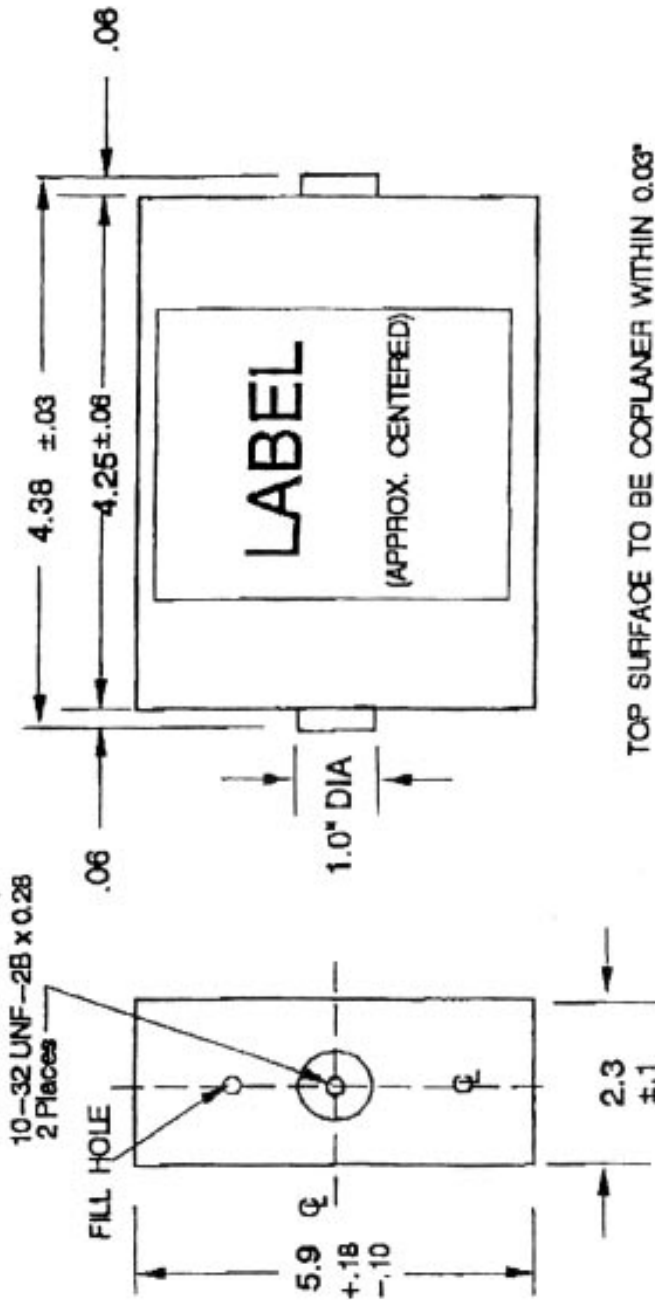
used in PFN Assy

* R.T. = room temperature

	SIZE A	FSCM 29813	DRAWING NUMBER 37667	REV C
			SHEET	2

20P005

HIGH VOLTAGE PULSE CAPACITOR



MAXWELL LABORATORIES, INC. 9088 BALBOA AVENUE SAN DIEGO, CALIFORNIA 92123		MAXWELL	
TITLE OUTLINE DRAWING		MODEL No. 37667	
SIZE A		FSCM DRAWING NUMBER 37667	
SCALE NONE		DATE 2/28/88	
PAGE 9 OF 9		REV LTR C	
CONTRACT NUMBER	DATE	DESIGN ACTIVITY APPROVAL	TOURNAMENT ACTIVITY APPROVAL
DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES X .1 .XX x .00 .XXX x .018	PREPARED	DESIGN ACTIVITY APPROVAL	TOURNAMENT ACTIVITY APPROVAL
PROJECT NUMBER	CHECKED	DESIGN ACTIVITY APPROVAL	TOURNAMENT ACTIVITY APPROVAL
PROJECT ENGINEER	ENGINEER	DESIGN ACTIVITY APPROVAL	TOURNAMENT ACTIVITY APPROVAL
APPROVED	APPROVED	DESIGN ACTIVITY APPROVAL	TOURNAMENT ACTIVITY APPROVAL
DESIGNED BY	DESIGNED BY	DESIGN ACTIVITY APPROVAL	TOURNAMENT ACTIVITY APPROVAL
DRAWN BY	DRAWN BY	DESIGN ACTIVITY APPROVAL	TOURNAMENT ACTIVITY APPROVAL
NEXT ASSY	USED ON	DESIGN ACTIVITY APPROVAL	TOURNAMENT ACTIVITY APPROVAL
APPLICATION			

20P005

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4105

Cost Revisions

Action Code. C
 Item Number. 4510504 CAP, .03UF 35KV
 Branch/Plant 10 Cost Methods:
 Location Sales/Inventory. . . 07
 Lot. Purchasing 08

0	Cost Method	Unit Cost
- 01	Last In	242.0000
- 02	Weighted Average	.0000
- 03	Memo	223.4500
- 04	Current	248.0500
- 05	Future	248.0500
- 06	Lot	242.0000
- 07	Standard	248.0500
- 08	Purchasing-Base Cost No Adds	242.0000
-		
-		
-		
-		
-		
-		

Opt: 1=Components 9=Delete F10=Speed F19=Previous F20=Next F24=More

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