

Microwave Mixer Diodes

Type No.	Test Freq. (MHz)	Noise Figure (dB)	I.F. IMPED. @ 30 MHz (Ohms)	VSWR Max. Ratio	Burn Out (ERGS)	Fig. No.
1N415C	9375	9.5	325-475	1.5	2.0	Z64
1N415E	9375	7.5	335-465	1.3	2.0	Z64
1N416C	3060	8.3	300-700	---	2.0	Z64
1N416E	3060	7.0	350-450	1.3	5.0	Z64



PIN Diodes

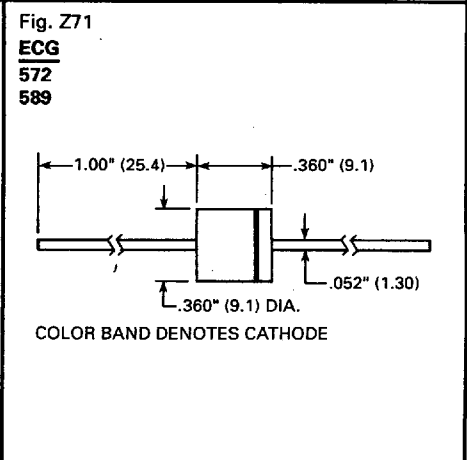
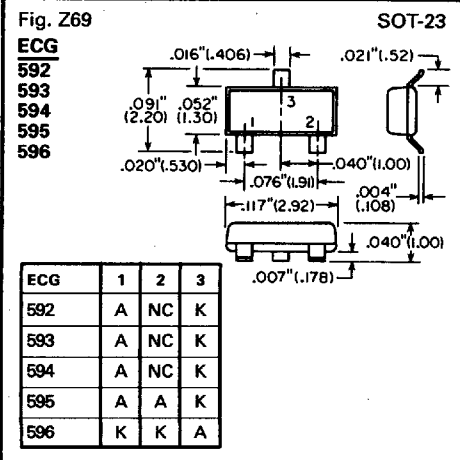
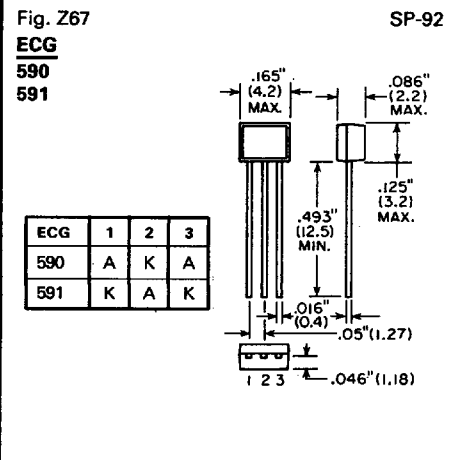
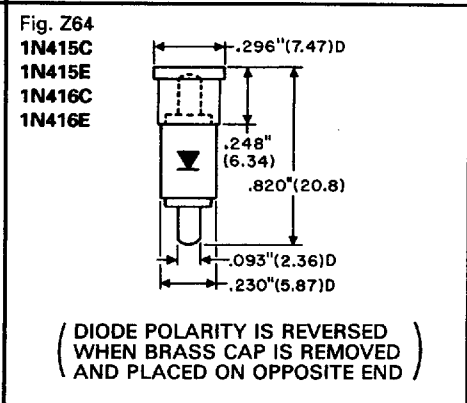
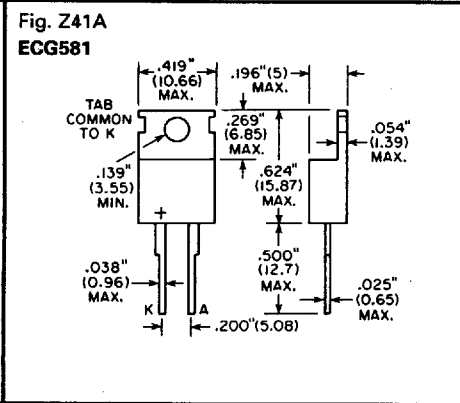
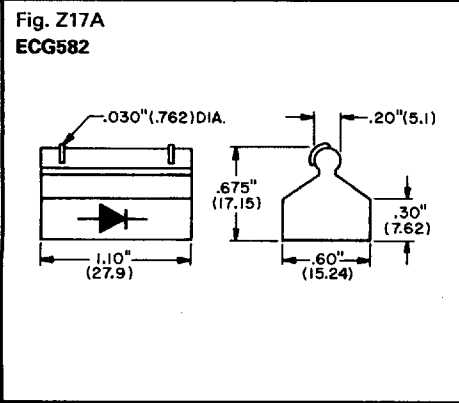
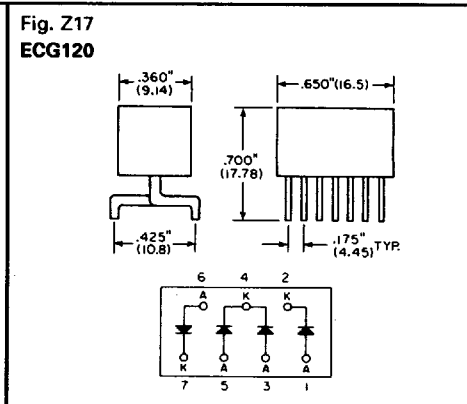
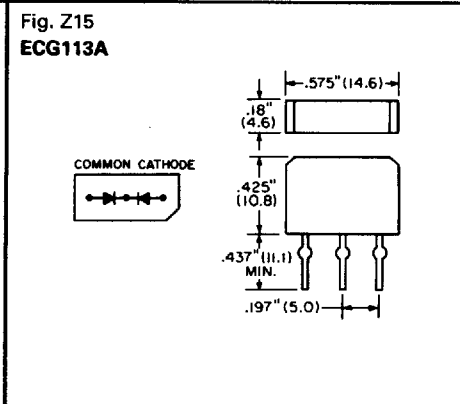
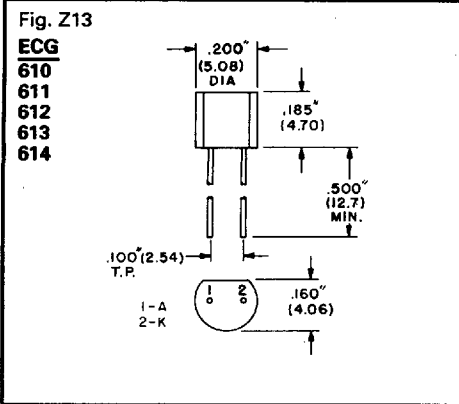
ECG Type	Description and Application	Max. Power (mW)	V (BR) R Min. (Volts)	IR Max. (nA)	CT Max. (pf)	LS Typ. (nH)	RA Max. (Ohms)	Fig. No.
ECG553	Si PIN Diode, UHF, VHF Switch	200	30	150	2	2.5	1.2	Z4
ECG555A	Si PIN Diode, Gen Purp & VHF Switch	250	35	100	1.2	---	0.7	Z11A

Diode and Rectifier Outlines

<p>Fig. Z1A ECG580</p> <p>COLOR BAND INDICATES CATHODE END</p>	<p>Fig. Z1B ECG571</p> <p>COLOR BAND DENOTES CATHODE</p>	<p>Fig. Z2 ECG 109 110MP</p> <p>(COLOR BAND DENOTES CATHODE)</p>
<p>Fig. Z3 ECG 116 585 125 587 552 574 575 578</p> <p>COLOR BAND DENOTES CATHODE</p>	<p>Fig. Z4 ECG 112 177 519 553 583 584 600</p> <p>COLOR BAND DENOTES CATHODE</p>	<p>Fig. Z5 ECG178MP</p> <p>(COLOR BAND DENOTES CATHODE)</p>
<p>Fig. Z6 ECG 156 506 507</p> <p>COLOR BAND DENOTES CATHODE</p>	<p>Fig. Z6A ECG 525 569 573 576 577 579 586 588</p> <p>COLOR BAND DENOTES CATHODE</p>	<p>Fig. Z7 ECG 606 607</p>
<p>Fig. Z8 ECG515</p>	<p>Fig. Z11A ECG555A</p> <p>COLOR BAND DENOTES CATHODE</p>	<p>Fig. Z12 ECG114 SERIES CONNECTED ECG115 COMMON ANODE</p>

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Diode and Rectifier Outlines (cont'd)



Voltage Regulator for Electronic Tuner

ECG615A	Min.	Typ.	Max.	T _A = 25°C
V _z	31	33	35	V
ΔV _z /ΔT	-1	0	+1	mV/°C
P _D	200 mW (T _A = 75°C)			

Fig. Z13-2
ECG615A

DO-92