

PROFESSIONAL GRADE GENERAL PURPOSE DIODES

— CONTINENTAL DEVICE INDIA 32E D ■ 2383394 0000018 3 ■ T-03-09

trr 4 nsec; dissipation 250 mW; IFM=225 mA.

AXIAL LEAD

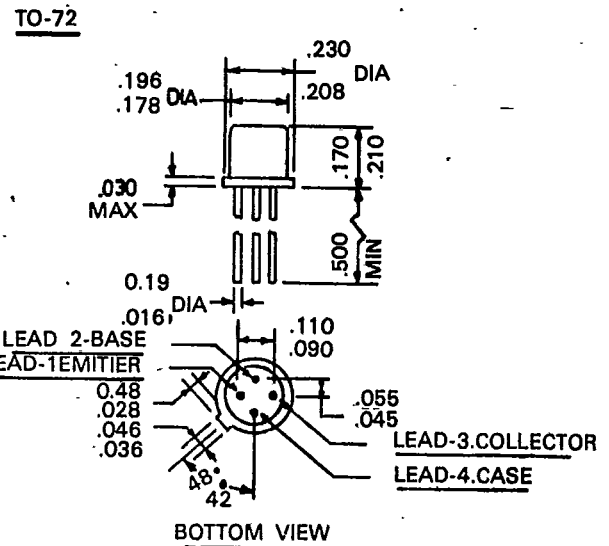
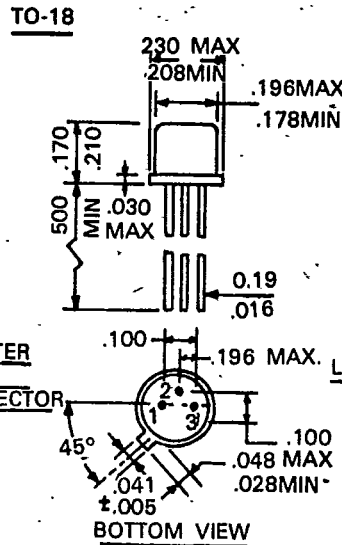
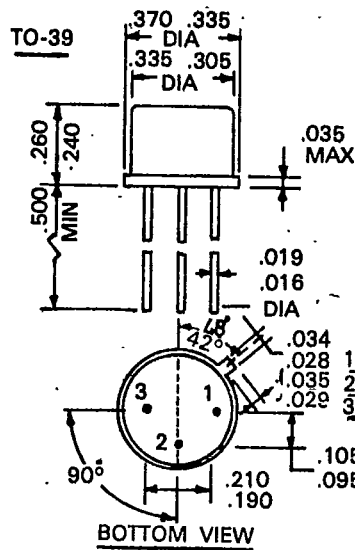
Device	PIV Volts min	VF@ Volts max	IF mA	IR @ μ A max	VR Volts	Co PF max	Io mA	Package
CT 40	25	1.0	10	0.1	20	4		DO-35
CT 41	40	1.0	10	0.1	30	4		DO-35
CT 42	50	1.0	10	0.1	40			DO-35
CT 43	75	1.0	10	5.0	50	4		DO-35
CT 44	100	1.0	10	5.0	75	4		DO-35
CT 45	25	1.0	20	0.1	20	4		DO-35
CT 46	40	1.0	20	0.1	30	4		DO-35
CT 47	50	1.0	20	0.1	40	4		DO-35
CT 48	75	1.0	20	5.0	50	4		DO-35
CT 49	100	1.0	20	5.0	75	4		DO-35
CT 50	25	1.0	10	0.1	20	2		DO-35
CT 51	40	1.0	10	0.1	30	2		DO-35
CT 52	50	1.0	10	0.1	40	2		DO-35
CT 53	75	1.0	10	5.0	50	2		DO-35
CT 54	100	1.0	10	5.0	75	2		DO-35
CT 55	25	1.0	20	0.1	20	2		DO-35
CT 56	40	1.0	20	0.1	30	2		DO-35
CT 57	50	1.0	20	0.1	40	2		DO-35
CT 58	75	1.0	20	5.0	50	2		DO-35
CT 59	100	1.0	20	5.0	75	2		DO-35
CT 70	25	1.0	50	0.1	20	2		DO-35
CT 71	40	1.0	50	0.1	30	2		DO-35
CT 72	50	1.0	50	0.1	40	2		DO-35
CT 73	75	1.0	50	5.0	50	2		DO-35
CT 74	100	1.0	50	5.0	75	2		DO-35
CT 75	25	1.0	100	0.1	20	2		DO-35
CT 76	40	1.0	100	0.1	30	2		DO-35
CT 77	50	1.0	100	0.1	40	2		DO-35
CT 78	75	1.0	100	5.0	50	2		DO-35
CT 79	100	1.0	100	5.0	75	2		DO-35

All the above devices are also available in DO-7 package on special request. Quote CA instead of CT.

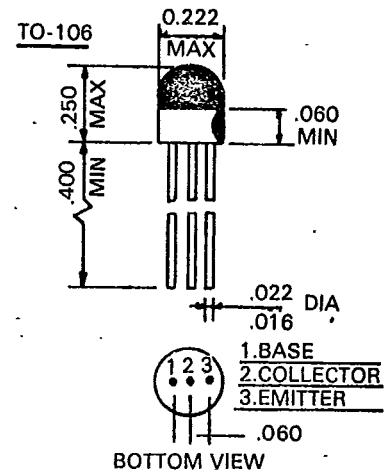
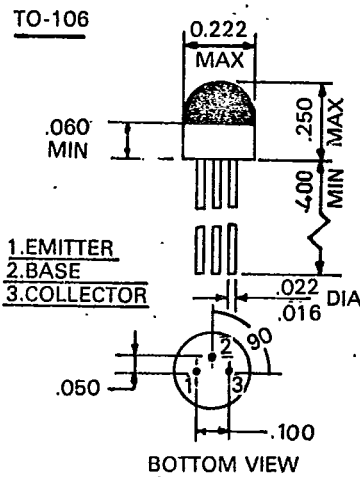
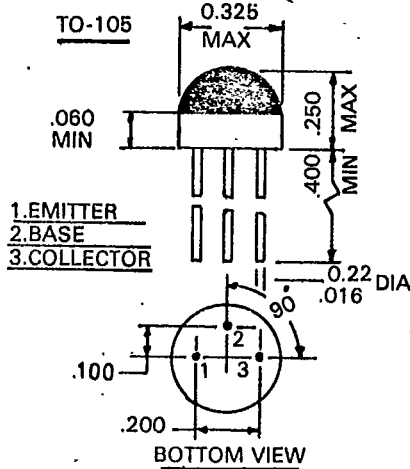
trr 4 nsec.; dissipation 500 mW; IFM=225 mA

IN 914	75	1.0	10	.025	20	4		DO-35
IN 4148	75	1.0	10	.025	20	4		DO-35
IN 4448	75	1.0	200	.025	75	4		DO-35
IN 4531	75	1.0	10	.010	75	4		DO-34

PACKAGE OUTLINES



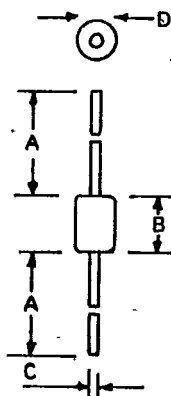
For transistor BF 167, 173 in TO-72 Package
Base & Emitter leads get interchanged.



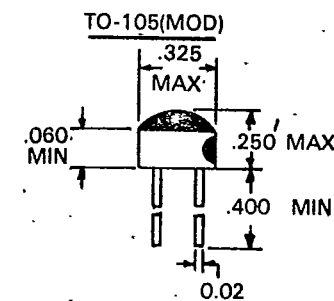
Note: For HF. transistor TO-106 Package 1. Base 2. Emitter and 3. Collector

TYPICAL DIMENSIONS

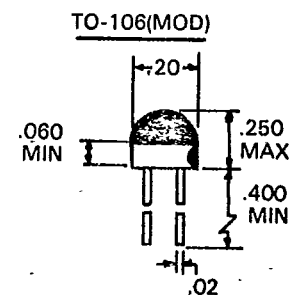
Dim	Package			
	DO-7	DO-35	DO-41	DO-34
A	1.100	1.100	1.100	1.100
B	0.230	0.140	0.150	0.104
C	0.020	0.020	0.032	0.020
D	0.096	0.070	0.94	0.056



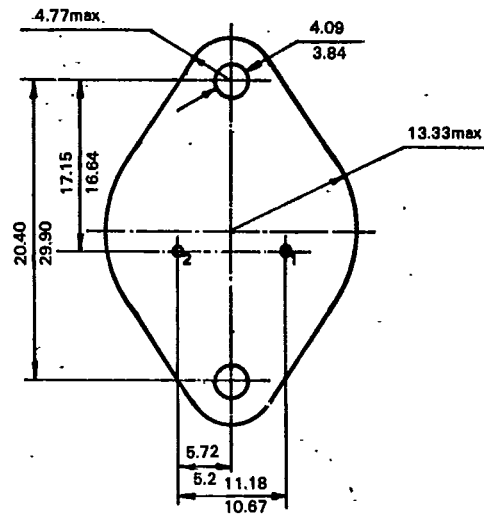
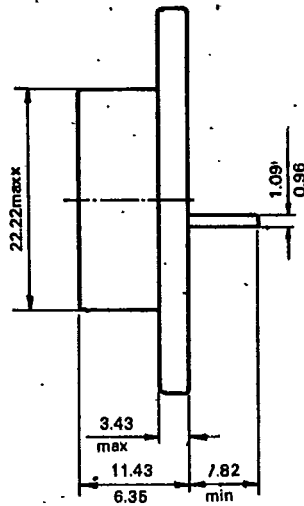
LEAD ADJACENT TO DOT OR
BAND IS CATHODE



LEAD ADJACENT TO DOT IS CATHODE



LEAD ADJACENT TO
DOT IS CATHODE



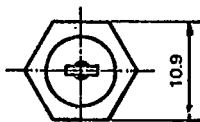
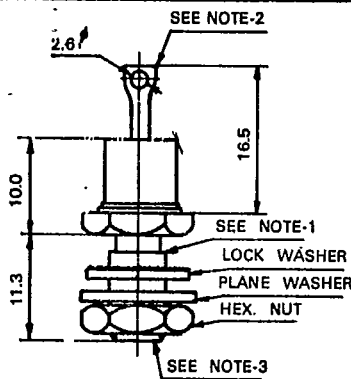
TO-204AA

Pin Configuration: 1:Base

2:Emitter

Body : Collector

ALL DIMENSIONS IN M.M.

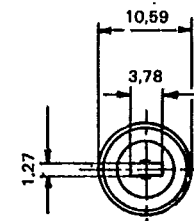
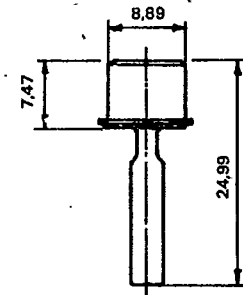


DO-4

NOTES:

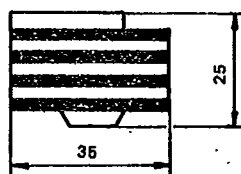
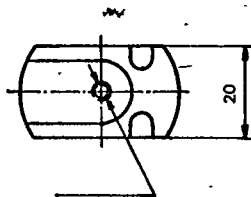
1. Threads to extend to within 2—1/2 threads of seating plane.
2. Angular orientation undefined.
3. lo-32 UNF-2A maximum pitch dia shall be (1687" 4.29 mm)

(All dimensions in mm)

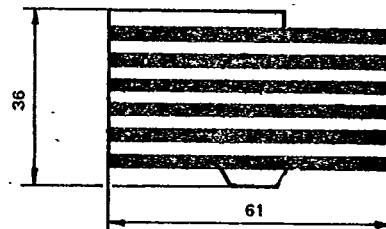
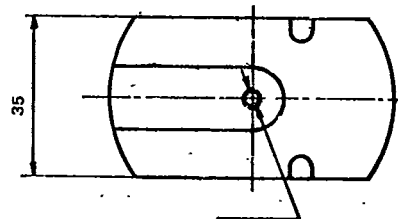


DO-21

HEAT SINK:



K 6 (3,6 AMP. DIODES)

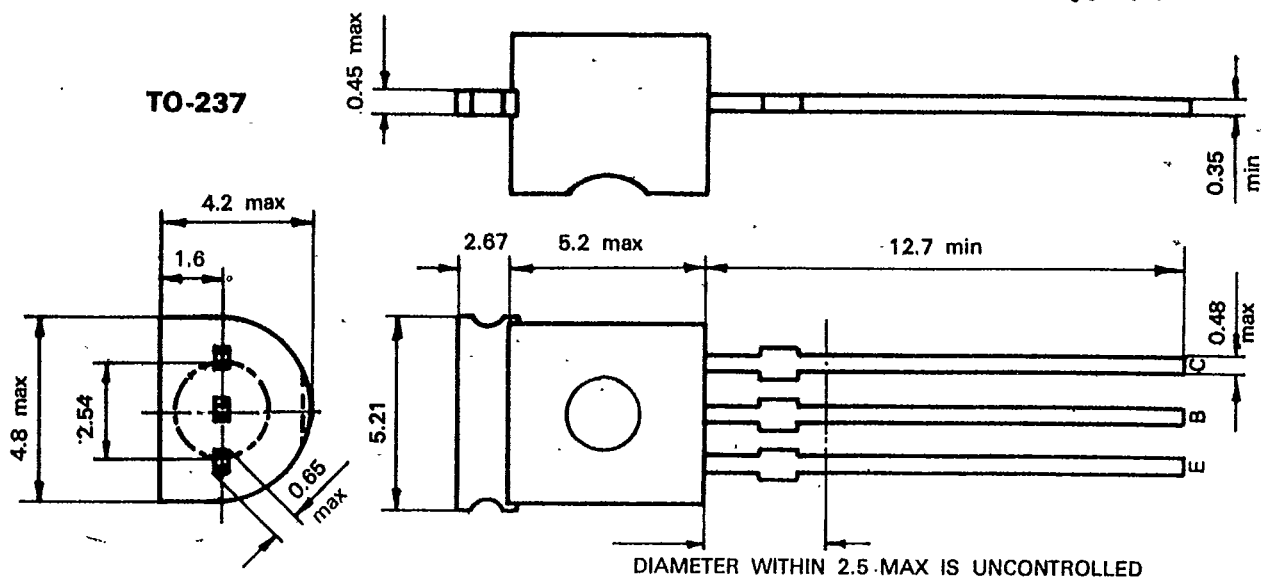


K 12 (12 AMP. DIODES)

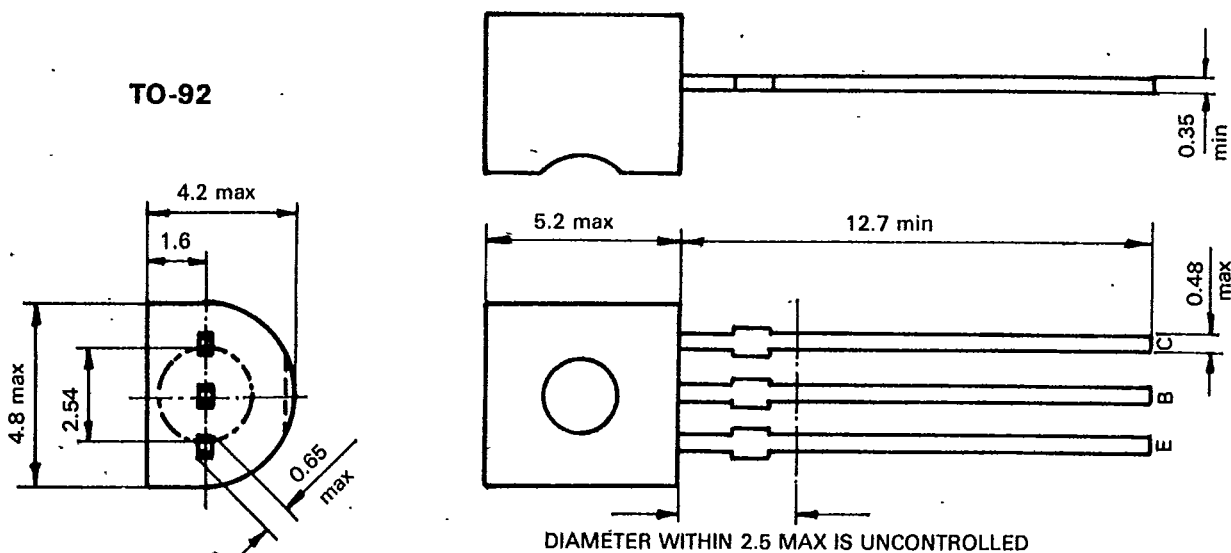
PACKAGE OUTLINES

FOR TO-92 AND TO 237 PACKAGE PIN CONFIGURATION
FROM LEFT TO RIGHT IS COLLECTOR-BASE-EMITTER,
KEEPING FLAT FACE IN FRONT AND LEADS POINTING
DOWNWARDS.

TO-237



TO-92



TO-92 FORM

