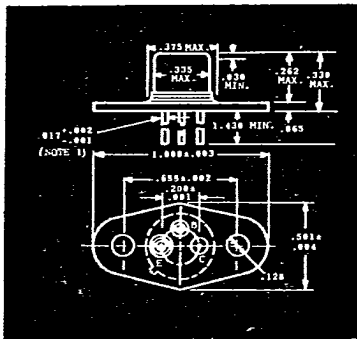


MILITARY & INDUSTRIAL

T-27-2/

HIGH POWER

	BVCER RBE 10Ω @200 uA VOLTS	BVCBO @200 uA VOLTS	BVEBO @100 uA VOLTS	HFE IC=25MA VCE=5V	VCE. SAT. IC=25MA IB=5MA VOLTS	VBE. SAT. IC=25MA IB=5MA VOLTS	ICBO @25°C VCE<uA	ICBO @100°C VCE<uA	GBW IC=50MA VCE=10V @20MC	MAX COB uuf IE=0 VCB=15V		
TRS-5015	500	500	6	30	1.5	1	350	2	350	100	2.5	15
TRS-5255	525	525	6	22	1.8	1	425	2	425	200	2.5	15
TRS-5505	550	550	6	20	1.9	1	450	2	450	200	2.5	15
TRS-5755	575	575	6	22	1.8	1	475	2	475	200	2.5	15
TRS-6015	600	600	6	30	1.5	1	500	10	500	100	2.5	15
TRS-6505	650	650	6	30	1.5	1	525	10	525	100	2.5	15
TRS-7015	700	700	6	30	1.5	1	550	10	550	100	2.5	15
TRS-7505	750	750	6	30	1.5	1	575	10	575	100	2.5	15
TRS-8015	800	800	6	30	1.5	1	600	10	600	100	2.5	15



Total Dissipation @ 25°C Ambient
@ 25°C Case Temperature
@ 100°C Case Temperature

P.D. 2W
P.D. 15W
P.D. 10W

Storage Temperature Range
Operating Temperature Range
Peak Collector Current
Peak Base Current

T_{stg} -65 to +200 °C
T_{opr} -55 to +175 °C
ICM 400 MA
IB 50 MA

MD-14 OUTLINE

Derate 13.3 mw/°C for TA above 25°C
Derate 66.5 mw/°C for TC above 25°C - 100°C
Derate 133 mw/°C for TC above 100°C

MILITARY APPLICATION

PREMIUM LINE

MEDIUM POWER

	BVCEO @IC=25MA Sustained VOLTS	BVCER RBE=10Ω @200 uA VOLTS	BVCBO @200 uA VOLTS	BVEBO @100 uA VOLTS	HFE IC=1MA VCE=.5V	HFE IC=10MA VCE=2V	HFE IC=50MA VCE=4V	VCE. SAT. IC=50MA IB=5MA VOLTS	VBE. SAT. IC=50MA IB=5MA VOLTS	ICBO @25°C VCB VOLTS	ICBO @100°C VCB VOLTS	GBW IC=50MA VCE=10V @20MC	MAX COB uuf IE=0 VCB=15V		
TRS-2804S	280	340	340	5	20	30	30	1.5	1.0	250	2	250	65	2.5	15
TRS-3204S	320	385	385	5	20	30	30	1.5	1.0	300	2	300	65	2.5	15
TRS-3604S	360	420	420	5	20	30	30	1.5	1.0	330	2	330	65	2.5	15

	BVCEO @IC=25MA Sustained VOLTS	BVCER RBE=10Ω @200 uA VOLTS	BVCBO @200 uA VOLTS	BVEBO @100 uA VOLTS	HFE IC=1MA VCE=1V	HFE IC=10MA VCE=2.5V	HFE IC=25MA VCE=5V	VCE. SAT. IC=25MA IB=2.5MA VOLTS	VBE. SAT. IC=25MA IB=2.5MA VOLTS	ICBO @25°C VCE<uA VOLTS	ICBO @100°C VCE<uA VOLTS	GBW IC=50MA VCE=10V @20MC	MAX COB uuf IE=0 VCB=15V		
TRS-4014S	400	480	480	5	20	25	30	1.5	1.0	350	10	350	80	2.5	15
TRS-4404S	440	530	530	5	20	25	30	1.5	1.0	430	10	430	80	2.5	15
TRS-4804S	480	580	580	5	20	25	30	1.5	1.0	480	10	480	80	2.5	15
TRS-5204S	520	625	625	5	20	25	30	1.5	1.0	520	10	520	80	2.5	15
TRS-5404S	540	650	650	5	20	25	30	1.5	1.0	540	10	540	80	2.5	15
TRS-5804S	580	700	700	5	20	25	30	1.5	1.0	580	10	580	80	2.5	15
TRS-6204S	620	750	750	5	20	25	30	1.5	1.0	620	10	620	80	2.5	15
TRS-6604S	660	800	800	5	20	25	30	1.5	1.0	660	10	660	80	2.5	15
TRS-7014S	700	850	850	5	20	25	30	1.5	1.0	700	10	700	80	2.5	15

TRS--02804S-X

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