



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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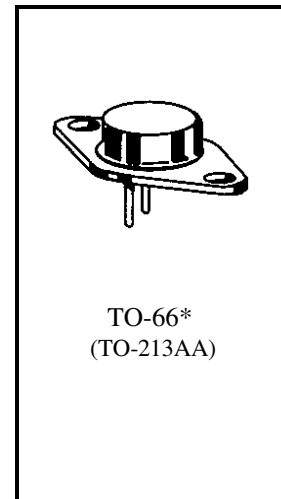
PNP HIGH POWER SILICON TRANSISTOR
Qualified per MIL-PRF-19500/461
Devices
2N6211
2N6212
2N6213
Qualified Level
**JAN
JANTX
JANTXV**
MAXIMUM RATINGS

Ratings	Symbol	2N6211	2N6212	2N6213	Unit
Collector-Emitter Voltage	V_{CEO}	225	300	350	Vdc
Collector-Base Voltage	V_{CBO}	275	350	400	Vdc
Emitter-Base Voltage	V_{EBO}	6.0			Vdc
Base Current	I_B	1.0			Adc
Collector Current	I_C	2.0			Adc
Total Power Dissipation	P_T	@ $T_A = +25^{\circ}C$ ⁽¹⁾	3.0		W
		@ $T_C = +25^{\circ}C$ ⁽²⁾	35		W
Operating & Storage Temperature	T_{op}, T_{stg}	-55 to +200			$^{\circ}C$

THERMAL CHARACTERISTICS

Characteristics	Symbol	Max.	Unit
Thermal Resistance Junction-to-Case	$R_{\theta JC}$	5.0	$^{\circ}C/W$

 1) Derate linearly 17.1 mW/ $^{\circ}C$ for $T_A > +25^{\circ}C$

 2) Derate linearly 200 mW/ $^{\circ}C$ for $T_C > +25^{\circ}C$


*See appendix A for package outline

ELECTRICAL CHARACTERISTICS ($T_C = 25^{\circ}C$ unless otherwise noted)

Characteristics	Symbol	Min.	Max.	Unit
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OFF CHARACTERISTICS

Collector-Emitter Breakdown Voltage $I_C = 200$ mAdc, $f = 30$ -60 Hz	2N6211 2N6212 2N6213	$V_{(BR)CEO}$	225 300 350	Vdc
Collector-Emitter Breakdown Voltage $I_C = 200$ mAdc, $f = 30$ -60 Hz, $R_{BE} = 50 \Omega$	2N6211 2N6212 2N6213	$V_{(BR)CER}$	250 325 375	Vdc
Collector-Emitter Breakdown Voltage $I_C = 200$ mAdc, $f = 30$ -60 Hz, $R_{BE} = 50 \Omega$, $V_{BE} = -1.5$ Vdc	2N6211 2N6212 2N6213	$V_{(BR)CEX}$	275 350 400	Vdc

