

/ Descriptions

TO-220 PNP Silicon PNP transistor in a TO-220 Plastic Package.

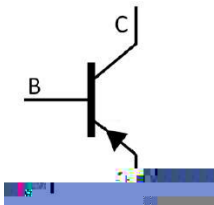
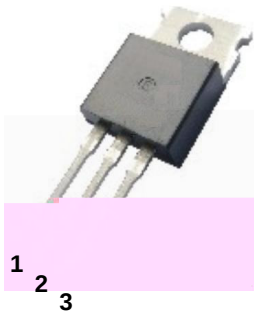
/ Features

- MJE15032

High DC current gain, High V_{CEO} , High f_T , Complementary pair with MJE15032.

/ Applications

Designed for us as high-frequency drivers in audio amplifiers.

/ Equivalent Circuit**/ Pinning**

PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

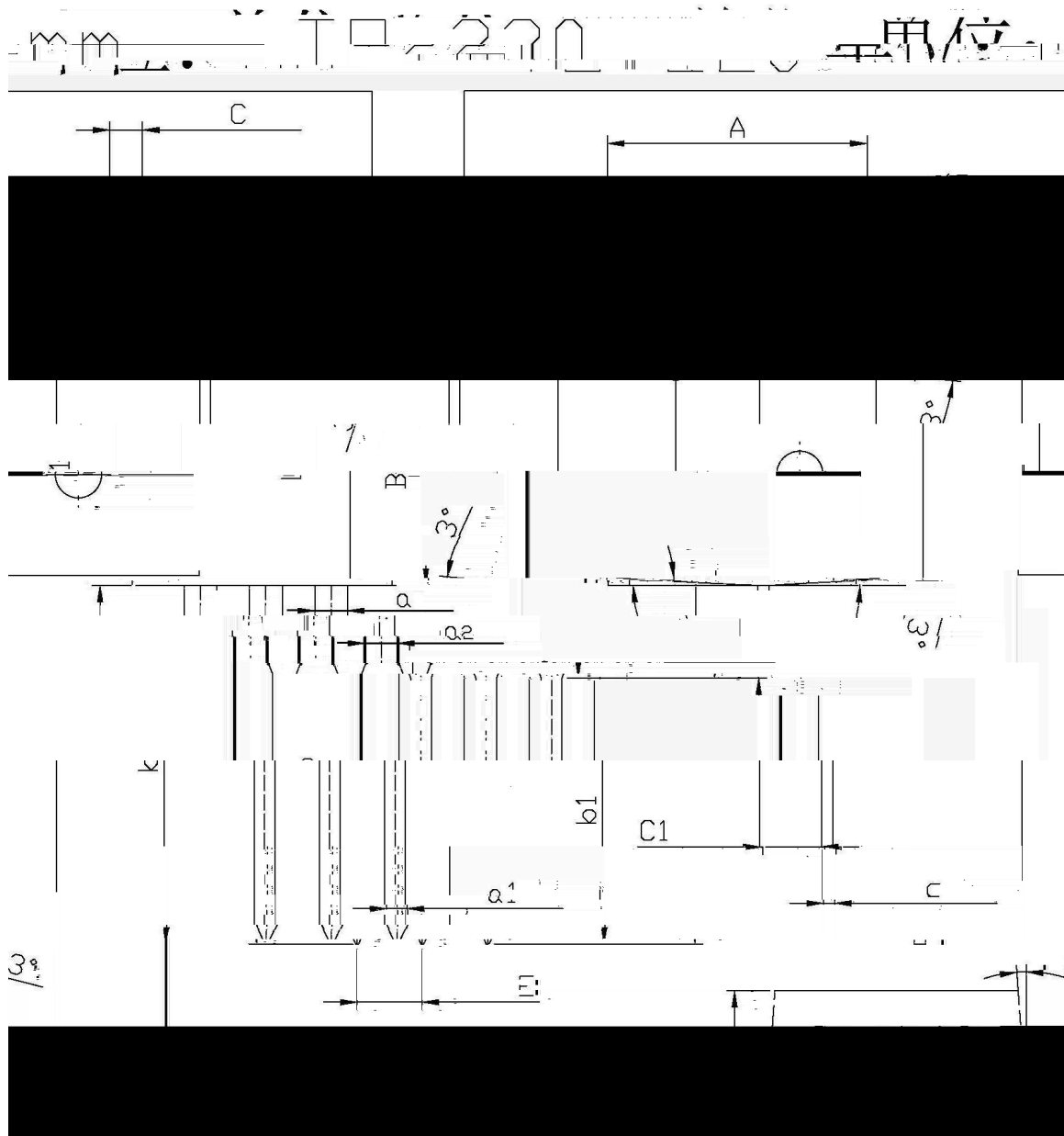
See Marking Instructions.

Parameter

Symbol

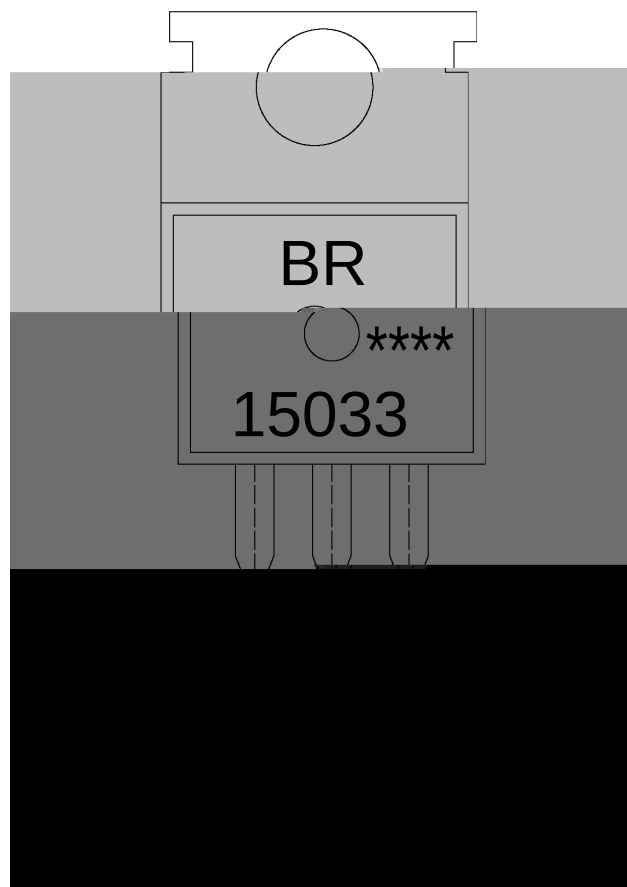
/ Electrical Characteristic Curve

/ Package Dimensions



Dimensions in Millimeters	Dimensions in Millimeters	Dimensions in Millimeters	Dimensions in Millimeters
A	B	C	D
E	F	G	H
I	J	K	L
M	N	O	P
Q	R	S	T
U	V	W	X
Y	Z	AA	AB
AC	AD	AE	AF
AG	AH	AI	AJ
AK	AL	AM	AN
AO	AP	AQ	AR
AS	AT	AU	AV
AW	AX	AY	AZ
BA	BB	BC	BD
BE	BF	BG	BH
BI	BJ	BK	BL
BM	BN	BO	BP
BQ	BR	BS	BT
BU	BV	BW	BX
BY	BZ	CA	CB
CC	CD	CE	CF
CG	CH	CI	CJ
CK	CL	CM	CN
CO	CP	CQ	CR
CS	CT	CU	CV
CW	CX	CY	CZ
DA	DB	DC	DD
DE	DF	DG	DH
DI	DJ	DK	DL
DM	DN	DO	DP
DQ	DR	DS	DT
DU	DV	DW	DX
DY	DZ	EA	EB
EC	ED	EE	EF
EG	EH	EI	EJ
EK	EL	EM	EN
EO	EP	EQ	ER
ES	ET	EU	EV
EW	EX	EY	EZ
FA	FB	FC	FD
FE	FF	FG	FH
FI	FJ	FK	FL
FM	FN	FO	FP
FQ	FR	FS	FT
FU	FV	FW	FX
FY	FZ	GA	GB
GC	GD	GE	GF
GG	GH	GI	GJ
GK	GL	GM	GN
GO	GP	GQ	GR
GS	GT	GU	GV
GW	GX	GY	GZ
HA	HB	HC	HD
HE	HF	HG	HH
HI	HJ	HK	HL
HM	HN	HO	HP
HQ	HR	HS	HT
HU	HV	HW	HX
HY	HZ	IA	IB
IC	ID	IE	IF
IG	IH	II	IJ
IK	IL	IM	IN
IO	IP	IQ	IR
IS	IT	IU	IV
IW	IX	IY	IZ
JA	JB	JC	JD
JE	JF	JG	JH
JI	JJ	JK	JL
JM	JN	JO	JP
JQ	JR	JS	JT
JU	JV	JW	JX
JY	JZ	KA	KB
KC	KD	KE	KF
KG	KH	KI	KJ
KK	KL	KM	KN
KO	KP	KQ	KR
KS	KT	KU	KV
KW	KX	KY	KZ
LA	LB	LC	LD
LE	LF	LG	LH
LI	LJ	LK	LL
LM	LN	LO	LP
LQ	LR	LS	LT
LU	LV	LW	LX
LY	LZ	MA	MB
MC	MD	ME	MF
MG	MH	MI	MJ
MK	ML	MM	MN
MO	MP	MQ	MR
MS	MT	MU	MV
MW	MX	MY	MZ
NA	NB	NC	ND
NE	NF	NG	NH
NI	NJ	NK	NL
NM	NN	NO	NP
NQ	NR	NS	NT
NU	NV	NW	NX
NY	NZ	OA	OB
OC	OD	OE	OF
OG	OH	OI	OJ
OK	OL	OM	ON
OO	OP	OQ	OR
OS	OT	OU	OV
OW	OX	OY	OZ
PA	PB	PC	PD
PE	PF	PG	PH
PI	PJ	PK	PL
PM	PN	PO	PP
PQ	PR	PS	PT
PU	PV	PW	PX
PY	PZ	QA	QB
QC	QD	QE	QF
QG	QH	QI	QJ
QK	QL	QM	QN
QO	QP	QQ	QR
QS	QT	QU	QV
QW	QX	QY	QZ
RA	RB	RC	RD
RE	RF	RG	RH
RI	RJ	RK	RL
RM	RN	RO	RP
RQ	RR	RS	RT
RU	RV	RW	RX
RY	RZ	SA	SB
SC	SD	SE	SF
SG	SH	SI	SJ
SK	SL	SM	SN
SO	SP	SQ	SR
SS	ST	SU	SV
SW	SX	SY	SZ
TA	TB	TC	TD
TE	TF	TG	TH
TI	TJ	TK	TL
TM	TN	TO	TP
TQ	TR	TS	TT
TU	TV	TW	TX
TY	TZ	UA	UB
UC	UD	UE	UF
UG	UH	UI	UJ
UK	UL	UM	UN
UO	UP	UQ	UR
US	UT	UY	UZ
VA	VB	VC	VD
VE	VF	VG	VH
VI	VJ	VK	VL
VM	VN	VO	VP
VQ	VR	VS	VT
VU	VV	VW	VX
VY	VZ	WA	WB
WC	WD	WE	WF
WG	WH	WI	WJ
WK	WL	WM	WN
WO	WP	WQ	WR
WS	WT	WU	WV
WW	WX	WY	WZ
XA	XB	XC	XD
XE	XF	XG	XH
XI	XJ	XK	XL
XM	XN	XO	XP
XQ	XR	XS	XT
XU	XV	XW	XX
XY	XZ	YA	YB
YC	YD	YE	YF
YG	YH	YI	YJ
YK	YL	YM	YN
YO	YP	YQ	YR
YS	YT	YU	YV
YW	YX	YZ	ZA
ZB	ZC	ZD	ZE
ZF	ZG	ZH	ZI
ZJ	ZK	ZL	ZM
ZN	ZO	ZP	ZQ
ZR	ZS	ZT	ZU
ZV	ZW	ZX	ZY
ZZ			

/ Marking Instructions



BR

15033

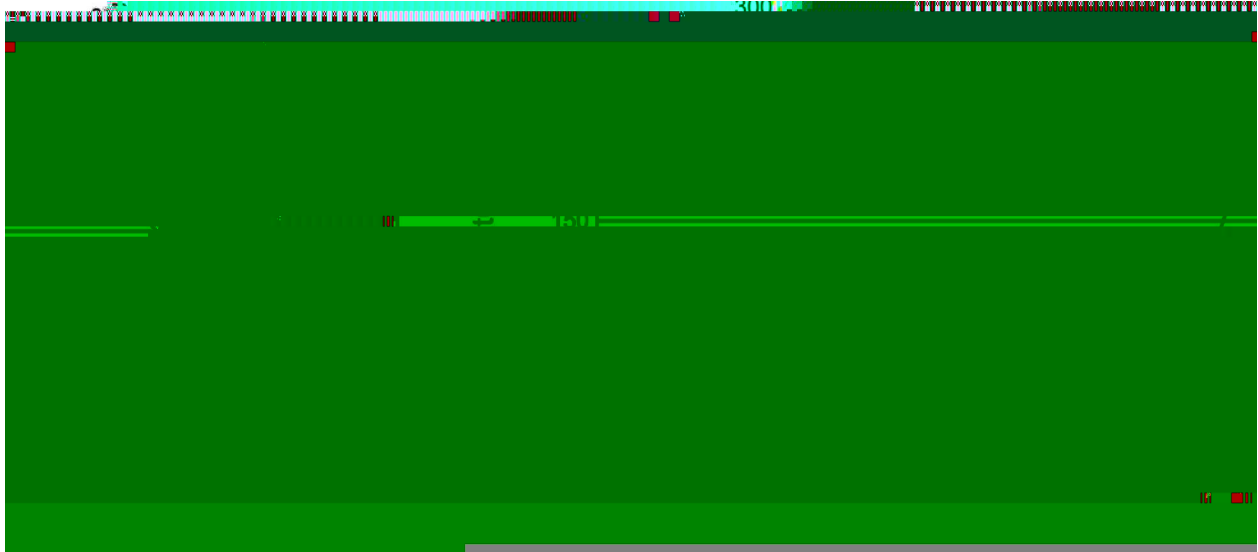
Note:

BR: Company Code

15033: Product Type.

****: Lot No. Code, code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- | | | | | | |
|---|-------|-----|-----------|---|--------------------------------------|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 255±5 | | 5±0.5sec; | 2.Peak Temp.:255±5 , Duration:5±0.5sec. | |
| 3 | | 2 | 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

270±5 10±1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube 套管	Inner Box 盒	Outer Box 箱
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

/ Notices