

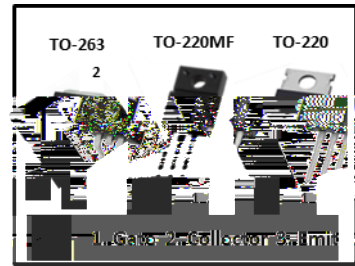
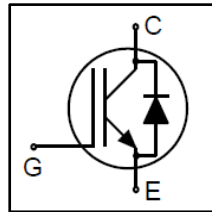


- Low  $V_{CE(sat)}$
- Fast Switching
- High Ruggedness
- Short-Circuit Rated



$V_{CES}$	600V
$I_C$	15A <sup>(1)</sup>
$V_{CE(sat),typ.}$	1.7V ( $T_J = 25^\circ\text{C}$ )
Package	JHB15N60EE2: TO-263 JHG15N60EE2: TO-220MF JHP15N60EE2: TO-220

- Motor Control
- Servo
- Home Appliances
- General Purpose Inverters

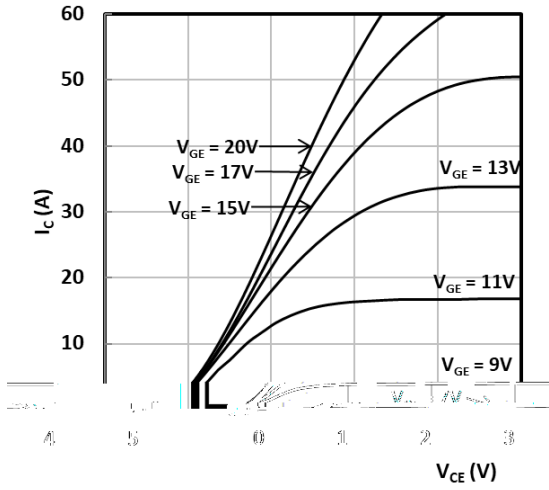


JHB15N60EE2	HB15N60EE2	TO-263	Tube
JHB15N60EE2_R	HB15N60EE2	TO-263	Tape and reel
JHG15N60EE2	HG15N60EE2	TO-220MF	Tube
JHP15N60EE2	HP15N60EE2	TO-220	Tube

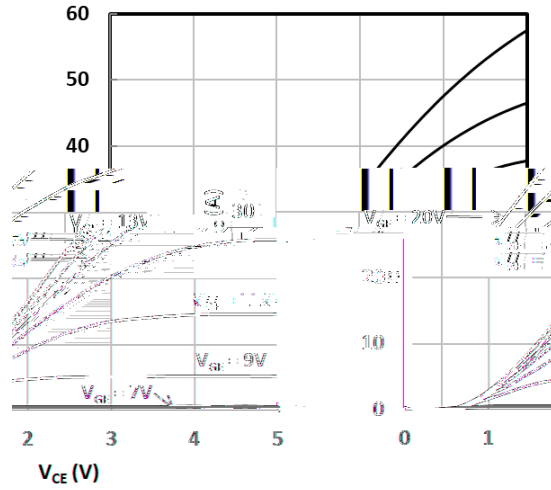




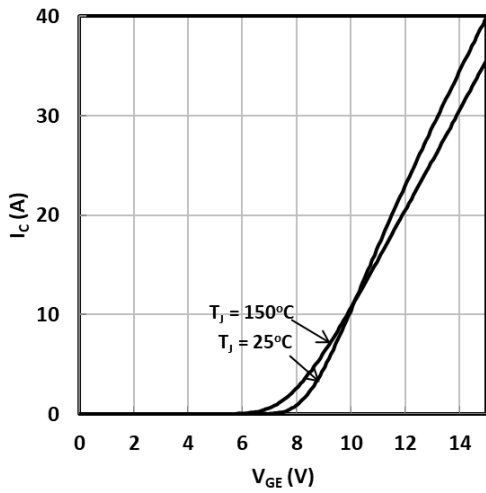




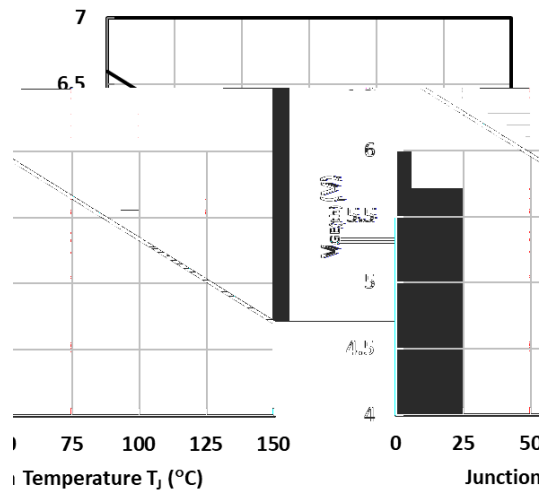
( $T_J = 25\text{ }^\circ\text{C}$ ,  $t_p = 250\text{ }\mu\text{s}$ )



( $T_J = 150\text{ }^\circ\text{C}$ ,  $t_p = 250\text{ }\mu\text{s}$ )



( $V_{CE} = 20\text{ V}$ ,  $t_p = 250\text{ }\mu\text{s}$ )

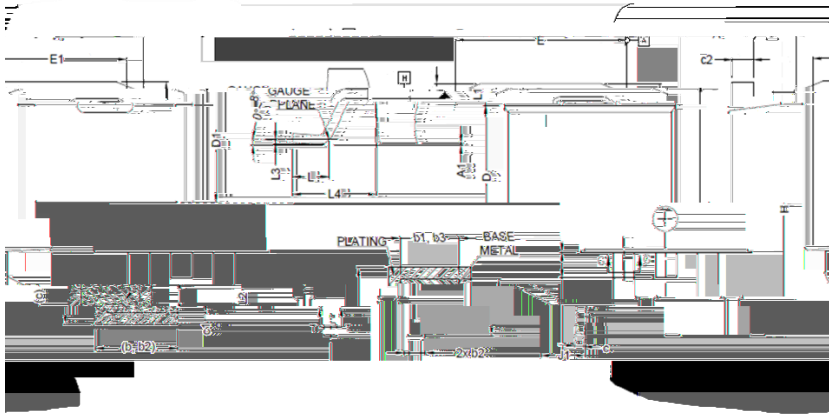


( $V_{CE} = V_{GE}$ ,  $I_C = 250\text{ }\mu\text{A}$ )

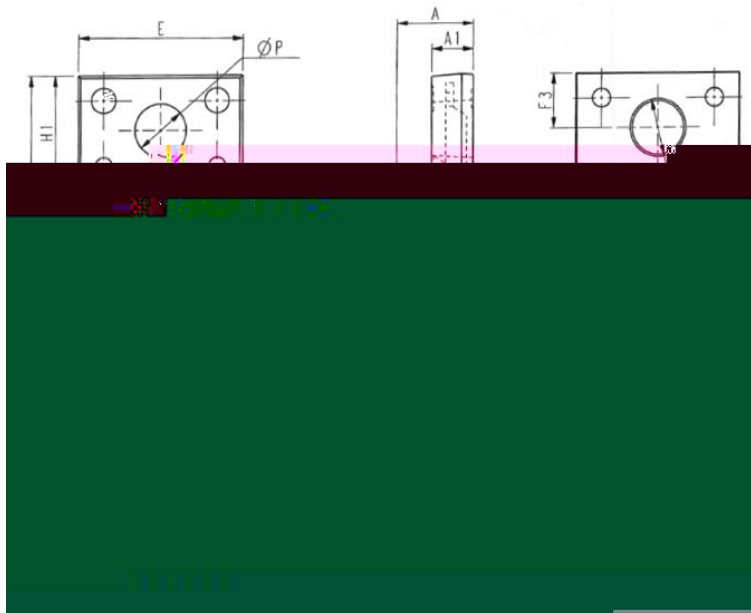




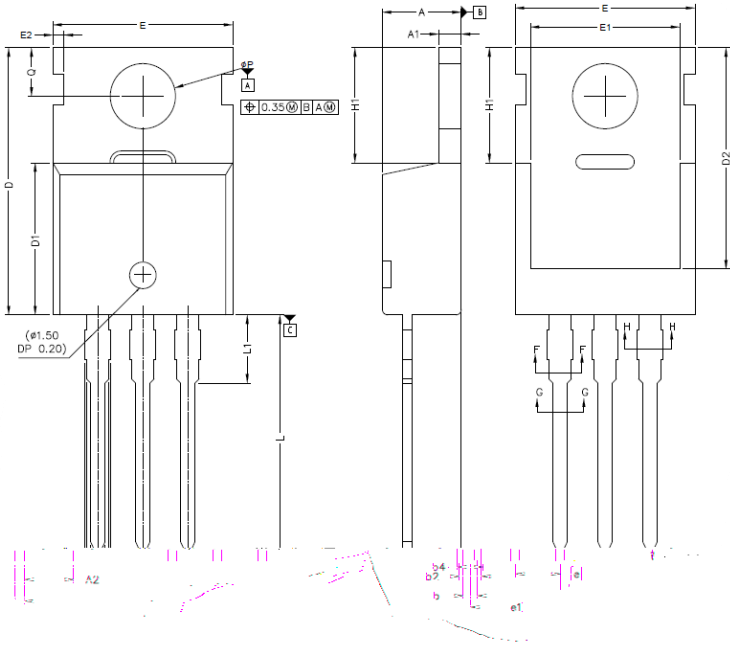




SYMBOL	MIN.	MAX.
A	4.36	4.56
A1	0	0.25
b	0.70	0.90
b1	0.51	0.89
b2	1.20	1.46
b3	1.17	1.37
c	0.38	0.694
c1	0.38	0.534
c2	1.19	1.34
D	8.60	9.00
D1	6.9	7.5
E	10.15	10.55
E1	8.1	8.7
e	2.54	BSC
H	15.0	15.6
L	1.9	2.5
L1	-	1.65
L2	-	1.78
L3	0.25	TYP
L4	4.78	5.28
J1	2.56	2.96



SYMBOL	MM		
	MIN	NOM	MAX
E	9.96	10.16	10.36
A	4.50	4.70	4.90
A1	2.34	2.54	2.74
A2	0.30	0.45	0.60
A4	2.56	2.76	2.96
c	0.40	0.50	0.65
c1	1.20	1.30	1.35
D	15.57	15.87	16.17
H1	6.70REF		
e	2.54BSC		
L	12.68	12.98	13.28
L1	3.03	3.23	3.43
ΦP	3.03	3.18	3.38
ΦP3	3.15	3.45	3.65
F3	3.15	3.30	3.45
G3	1.25	1.35	1.55
b1	1.18	1.28	1.43
b2	0.70	0.80	0.95



SYMBOL	MIN	MAX
A	4.25	4.65
A1	1.20	1.34
A2	2.56	2.92
b	0.71	0.97
b1	0.38	0.91
b2	1.14	1.7
b3	1.14	1.7
b4	1.14	1.7
b5	1.14	1.7
c	0.61	0.46
c1	0.50	0.50
D	15.86	14.32
D1	8.39	8.79
D2	12.20	12.8
E	9.96	10.3
E1	8.14	8.74
E2	0.59	0.69
F	2.54 BSC	
G	5.08 BSC	
H	6.70	6.30
I	4.0	4.0
J	4.05	3.6
K	3.80	3.6
L	3.94	3.5



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