查询MJD45H11TM供应商





MJD45H11

General Purpose Power and Switching Such as Output or Driver Stages in Applications **D-PAK for Surface Mount Applications**

- Load Formed for Surface Mount Application (No Suffix)
- Straight Lead (I-PAK: "-I" Suffix)
- Electrically Similar to Popular MJE45H
- Fast Switching Speeds
- Low Collector Emitter Saturation Voltage



MJD45H11

PNP Epitaxial Silicon Transistor

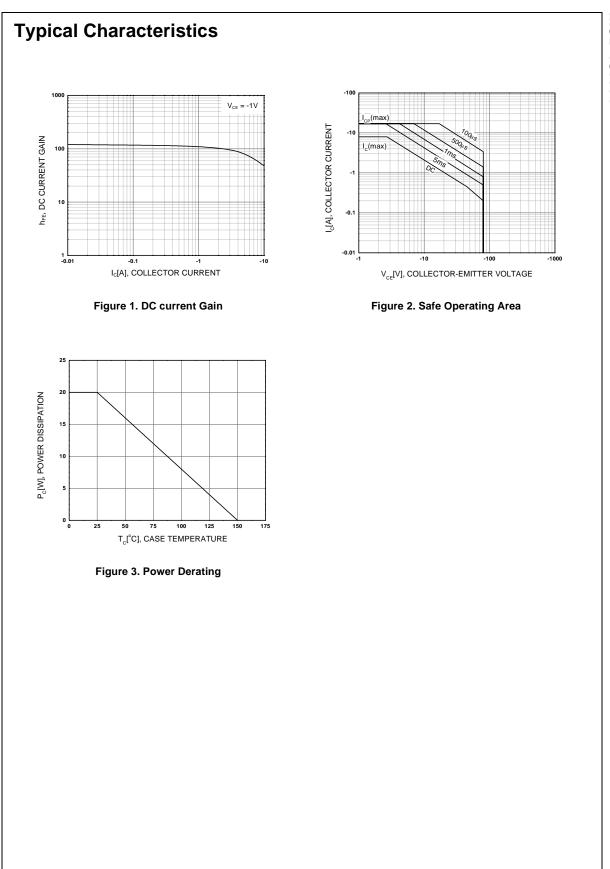
Absolute Maximum Ratings T_C=25°C unless otherwise noted

Symbol	Parameter	Value	Units
V _{CEO}	Collector-Emitter Voltage	- 80	V
V _{EBO}	Emitter-Base Voltage	- 5	V
I _C	Collector Current (DC)	- 8	A
I _{CP}	Collector Current (Pulse)	- 16	А
P _C	Collector Dissipation (T _C =25°C)	20	W
	Collector Dissipation (T _a =25°C)	1.75	W
TJ	Junction Temperature	150	°C
T _{STG}	Storage Temperature	- 55 ~ 150	°C

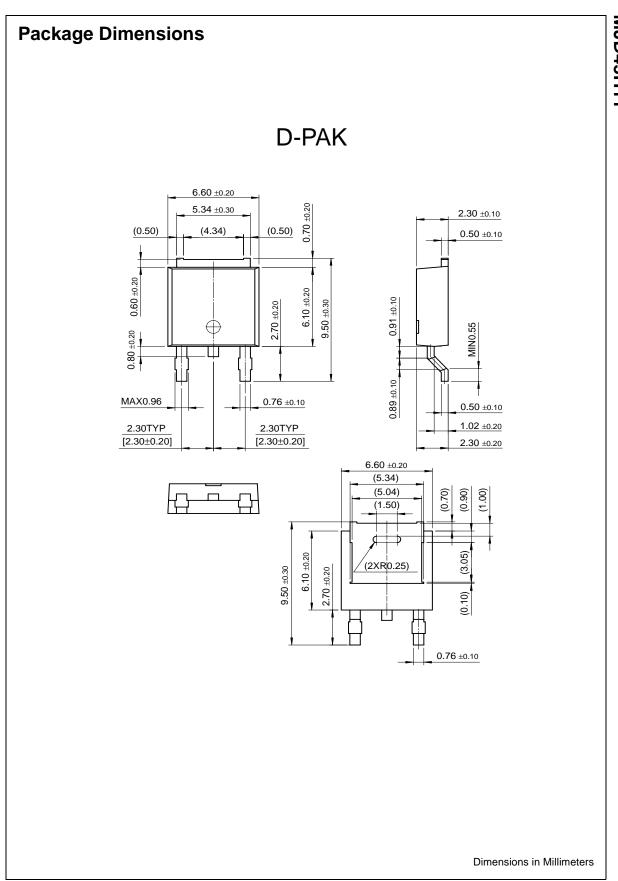
Electrical Characteristics T_C=25°C unless otherwise noted

Symbol	Parameter	Test Condition	Min.	Тур.	Max.	Units
V _{CEO} (sus)	*Collector-Emitter Sustaining Voltage	I _C = - 30mA, I _B = 0	- 80			V
I _{CEO}	Collector Cut-off Current	V _{CE} = - 80V, I _B = 0			- 10	μΑ
I _{EBO}	Emitter Cut-off Current	$V_{BE} = -5V, I_{C} = 0$			- 50	μΑ
h _{FE}	*DC Current Gain	$V_{CE} = -1V, I_{C} = -2A$ $V_{CE} = -1V, I_{C} = -4A$	60 40			
V _{CE} (sat)	*Collector-Emitter Saturation Voltage	I _C = - 8A, I _B = - 0.4A			- 1	V
V _{BE} (on)	*Base-Emitter Saturation Voltage	I _C = - 8A, I _B = - 0.8A		-	- 1.5	V
f _T	Current Gain Bandwidth Product	V _{CE} = - 10A, I _C = - 0.5A		40	ol ⁹	MHz
C _{ob}	Collector Capacitance	V _{CB} = - 10V, f = 1MHz	12.	230		pF
ON	Turn On Time	I _C = - 5A		135		ns
STG	Storage Time	I _{B1} = - I _{B2} = - 0.5A		500		ns
t _F	Fall Time			100		ns
	00µs, Duty Cycle≤2%		1		<u> </u>	<u> </u>

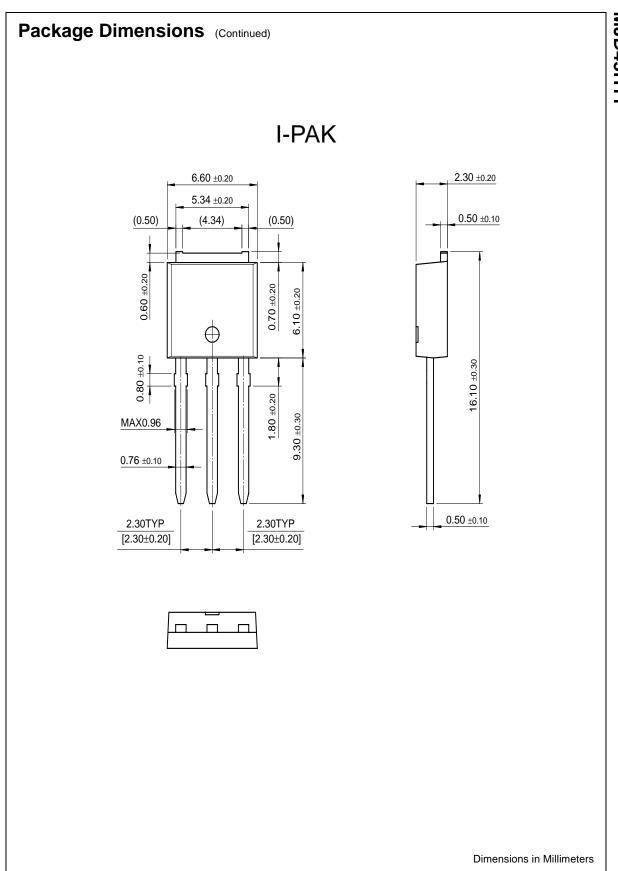




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