LAPT 2SA1216

Silicon PNP Epitaxial Planar Transistor (Complement to type 2SC2922)

Application: Audio and General Purpose

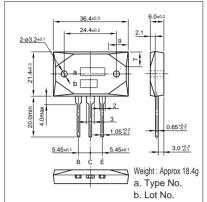
External Dimensions MT-200

Absolute maximum ratings (Ta=25°C				
Symbol	Symbol 2SA1216			
Vсво	-180	V		
VCEO	-180	V		
VEBO	-5	V		
Ic	-17	А		
Ів	-5	A		
Pc	200(Tc=25°C)	W		
Tj	150	°C		
Tstg	-55 to +150	°C		

Electrical Characteristics		(Ta=25°C)		
Symbol	Conditions	2SA1216	Unit	
Vсво	Vcb=-180V	-100max	μΑ	
I EBO	VEB=-5V	-100max	μΑ	
V(BR)CEO	Ic=-25mA	-180min	V	
hfe	Vce=-4V, Ic=-8A	30min*		
Vce(sat)	Ic=-8A, IB=-0.8A	-2.0max	V	
fī	Vce=-12V, Ie=2A	40typ	MHz	
Сов	VcB=-10V, f=1MHz	500typ	pF	
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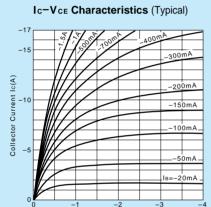
*hfE Rank \(\overline{O}(30 to 60), Y(50 to 100), P(70 to 140), G(90 to 180)

onditions 2SA1216 Unit



Typical Switching	Characteristics	(Common Emitter)
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Vcc (V)	R _L (Ω)	Ic (A)	V _{B2} (V)	IB1 (A)	I _{B2} (A)	ton (µs)	tstg (µs)	tf (µs)
-40	4	-10	5	-1	1	0.3typ	0.7typ	0.2typ



Collector-Emitter Voltage VcE(V)

