

Micro Commercial Components



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311 Phone: (818) 701-4933 Fax: (818) 701-4939

Features

- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Complementary to 2SA1162
- Epoxy meets UL 94 V-0 flammability rating
- Moisure Sensitivity Level 1

Maxir	Maximum Ratings							
Symbol	Rating	Rating	Unit					
V _{CEO}	Collector-Emitter Voltage	50	V					
V _{CBO}	Collector-Base Voltage	60	V					
V _{EBO}	Emitter-Base Voltage	5.0	V					
lc	Collector Current	150	mA					
Pc	Collector power dissipation	150	mW					
TJ	Junction Temperature	-55 to +150	°C					
T _{STG}	Storage Temperature	-55 to +150	°C					

Flectrical Characteristics @ 25°C Unless Atherwise Snecified

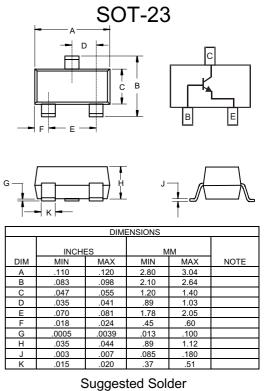
ciecuricai gilaracteristics @ 23°G uniess utierwise specifieu						
Symbol	Para	meter	Min	Тур	Max	Units
OFF CHARA	CTERISTICS					
I _{CBO}	Collector Cutoff C (V _{CB} =60Vdc,I _E =				0.1	μA
I _{EBO}	Emitter Cutoff Cu (V _{EB} =5.0Vdc, I _C			0.1	μA	
ON CHARAC	CTERISTICS					
$V_{(BR)CEO}$	Collector-Emitter Voltage (I _C =1mA, I _B =0)	Breakdown	50			V
$V_{(BR)CBO}$	Collector-Base Breakdown Voltage $(I_c=100\mu A, I_E=0)$		60			V
$V_{(BR)EBO}$	Emitter-Base Breakdown Voltage (I _E =100µA, I _C =0)		5.0			V
h _F	DC Current Gain* (I _c =2mAdc, V _{cE} =6.0Vdc)		70		700	
$V_{\text{CE(sat)}}$	Collector Saturation Voltage* (I_c =-100mAdc, I_B =10mAdc)			0.1	0.25	V
Cob	Output Capacitance (V _{CB} =10V, I _E =0, f=1MHz)			2.0	3.5	pF
f⊤	Gain Bandwidth product (V _{CE} =10Vdc, I _C =1mAdc)		80			MHz
NF	Noise Figure V _{CE} =6V, I _C =0.1mA, f=1KHz, R _g =10K Ω)			1.0	10	dB
CLASSIFIC	ATION OF hre					
Rank	0	Y	GF	R	В	

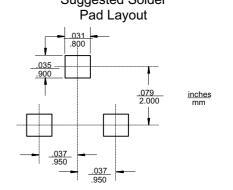
120-240

ΙY

2SC2712-O 2SC2712-Y 2SC2712-GR 2SC2712-BL

NPN Plastic-Encapsulate Transistors





www.mccsemi.com

200-400

LG

Revision: A

Range

Marking

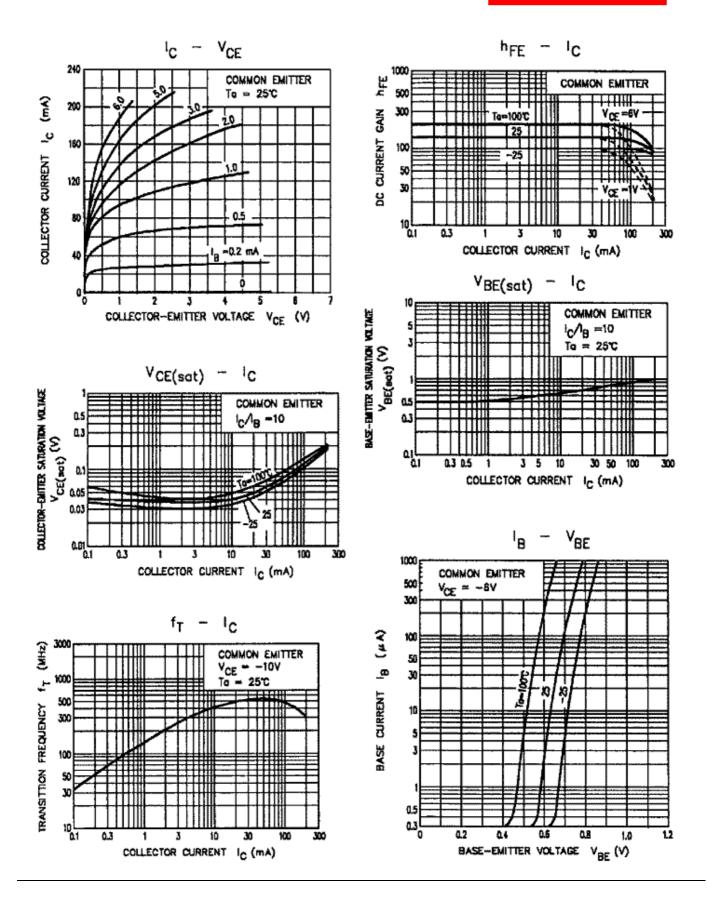
70-140

LO

350-700

11





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Ordering Information :

Device	Packing		
Part Number-TP	Tape&Reel 3Kpcs/Reel		

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