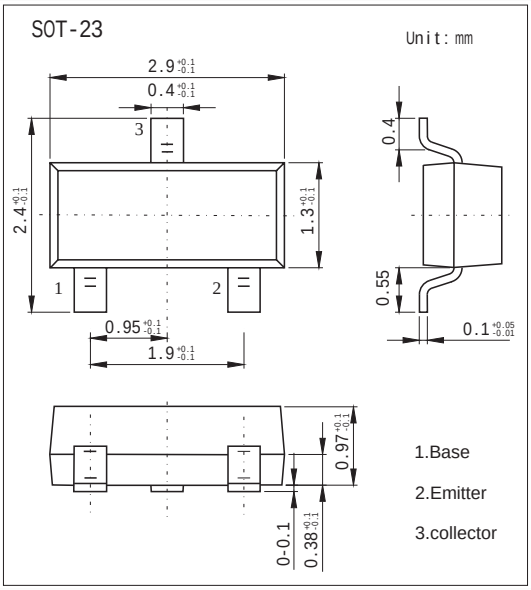
FMMT619

Features

Collector Current Capability I_C=2A

Collector Emitter Voltage V_{CEO}=50V

Complementary to FMMT720



Parameter	Symbol	Rating	Unit
Collector - Base Voltage	V_{CBO}	50	V
Collector - Emitter Voltage	V_{CEO}	50	
Emitter - Base Voltage	V_{EBO}	5	
Collector Current - Continuous	I_C	2	A
Collector Current - Pulse	I_{CP}	6	
Base Current	I_B	0.5	
Collector Power Dissipation	P_C	625	mW
Junction Temperature	T_J	150	
Storage Temperature Range	T_{stg}	-55 to 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector- base breakdown voltage	V_{CBO}	I_C= 100 εA È I_E= 0	50			
Collector- emitter breakdown voltage	V_{CEO}	I_C= 10 mA È I_B= 0	50			
Emitter - base breakdown voltage	V_{EBO}	I_E= 100 -A È I_C= 0	5			
Collector-base cut-off current	I_{CBO}	V_{CB}= 40 V , I_E= 0			100	
Collector- emitter cut-off current	I_{CES}	V_{CE}= 40 V , I_E= 0			100	
Emitter cut-off current	I_{EBO}	V_{EB}= 4V , I_C=0			100	
		I_C=100 mA, I_B=10mA			20	
		I_C				

µ Marking

Marking	619

μ Typical Characterisitics