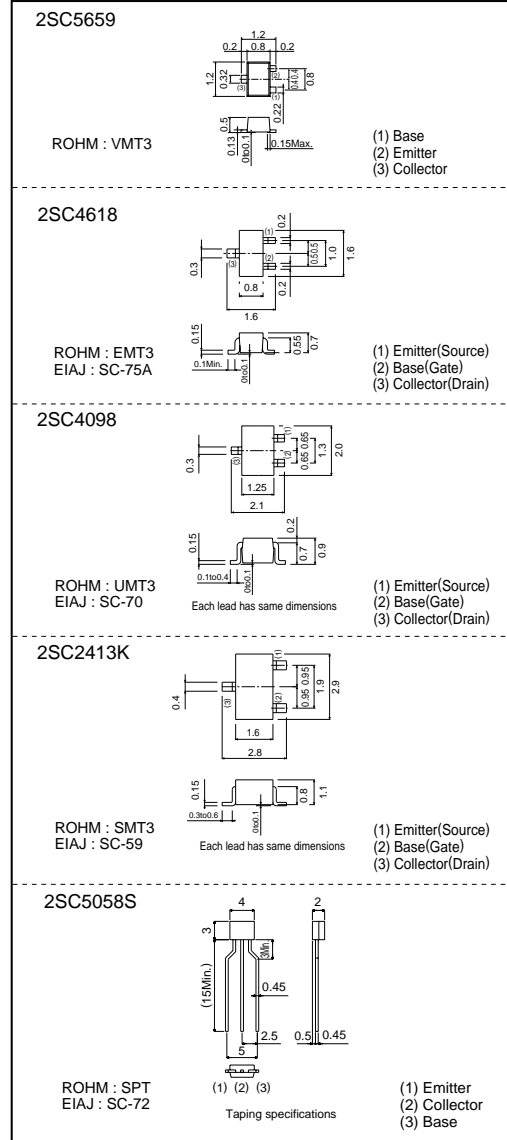


**2SC5659 / 2SC4618 / 2SC4098 / 2SC2413K /
2SC2058S**



2SC5659 / 2SC4618 / 2SC4098 /
2SC2413 / 2SC2058S

Transistors

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Collector-base breakdown voltage	BV _{CB0}	40	-	-	V	I _C =50μA
Collector-emitter breakdown voltage	BV _{CE0}	25	-	-	V	I _C =1mA
Emitter-base breakdown voltage	BV _{EB0}	5	-	-	V	I _E =50μA
Collector cutoff current	I _{CB0}	-	-	0.5	μA	V _{CB} =24V
Emitter cutoff current	I _{EB0}	-	-	0.5	μA	V _{EB} =3V
Collector-emitter saturation voltage	V _{CE(sat)}	-	0.1	0.3	V	I _C /I _B =10mA/1mA
DC current transfer ratio	2SC5659, 2SC4618, 2SC4098, 2SC2413K 2SC2058S	h _{FE}	56	-	270	V _{CE} =6V, I _C =1mA
			82	-	180	
Transition frequency	f _T	150	300	-	MHz	V _{CE} =6V, I _E =-1mA, f=100MHz
Output capacitance	C _{ob}	-	1.3	2.2	pF	V _{CB} =6V, I _E =0A, f=1MHz