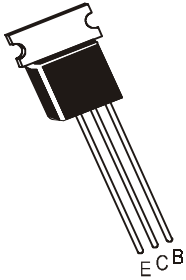


**NPN SILICON PLANAR TRANSISTORS**

**CSC1573  
CSC1573A  
TO-237  
BCE**



**High Voltage General Amplifier  
CSC1573 is Complementary of CSA879**

**ABSOLUTE MAXIMUM RATINGS(Ta=25deg C)**

DESCRIPTION	SYMBOL	CSC1573	CSC1573A	UNIT
Collector -Base Voltage	VCBO	250	300	V
Collector -Emitter Voltage	VCEO	250	300	V
Emitter Base Voltage	VEBO	5.0	7.0	V
Collector Current Continuous	IC		70	mA
Peak	ICP		100	mA
Collector Power Dissipation	PC*		1.0	W
Operating And Storage Junction Temperature Range	Tj, Tstg	-55 to +150		deg C

\*PC=750mW/Potting type:-PC=750mW

**ELECTRICAL CHARACTERISTICS (Ta=25 deg C Unless Otherwise Specified)**

DESCRIPTION	SYMBOL	TEST CONDITION	MIN	MAX	UNIT	
Collector -Emitter Voltage	VCEO	IC=100uA, IB=0				
			<b>CSC1573</b>	200	-	V
			<b>CSC1573A</b>	300	-	V
Emitter-Base Voltage	VEBO	IE=1uA, IC=0				
			<b>CSC1573</b>	5.0	-	V
			<b>CSC1573A</b>	7.0	-	V
Collector Cut off Current	ICBO	VCB=200V, IE=0	-	2.0	uA	
DC Current Gain	hFE*	IC=5mA, VCE=10V	30	220		
Collector Emitter Saturation Voltage	VCE(Sat)	IC=50mA, IB=5mA	-	1.2	V	
<b>Dynamic Characteristics</b>						
Output Capacitance	Cob	VCB=10V, f=1MHz				
			<b>CSC1573</b>	-	10	pF
			<b>CSC1573A</b>	-	8.0	pF
Gain Bandwidth Product	ft	VCE=10V, IC=10mA,	50	-	MHz	

**CLASSIFICATION**

	P	Q	R
hFE *	30-100	60-150	100-220

