

TUV MANAGEMENT SERVICE

An ISO/TS16949 and ISO 9001 Certified Company

NPN SILICON PLANAR TRANSISTORS



CSC1573 CSC1573A TO-237 BCE

High Voltage General Amplifier CSC1573 is Complementary of CSA879

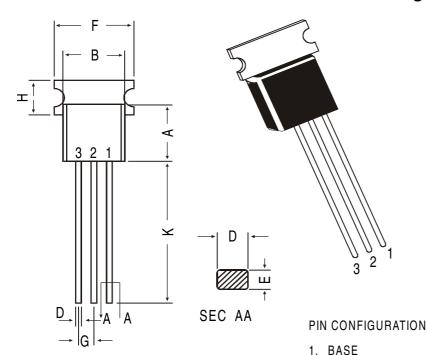
ABSOLUTE MAXIMUM RATINGS(Ta=25deg C)

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	Tj, Tstg	-55 to +150	deg C
Temperature Range			•

*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				
		CSC1573		200	-	V
		CSC1573A		300	-	V
Emitter-Base Voltage	VEBO	IE=1uA, IC=0				
		CSC1573		5.0	-	V
		CSC1573A		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
Dynamic Characteristics						
Output Capacitance	Cob	VCB=10V, f=1MHz				
		CSC1573		-	10	pF
		CSC1573A		-	8.0	pF
Gain Bandwidth Product	ft	VCE=10V, IC=10mA,		50	-	MHz
CLASSIFICATION	Р	Q	R			
hFE *	30-100	60-150	100-220			

TO-237 Plastic Package



	DIM	MIN.	MAX.	
	Α	4.32	5.33	
	В	4.45	5.20	
	C	3.18	4.19	
	D	0.41	0.55	
Ē.	Е	0.35	0.50	
	F	_	5.40	
ш	G	1.14	1.40	
diminsions in mm	Η		2.54	
	K	12.70	_	
	L	5 DEG		
\blacksquare	J	1.14	1.53	
-				

Packing Detail

PACKAGE	STANDARD PACK		INNER CARTON BOX		OUTER CARTON BOX		
	Details	Net Weight/Qty	Size	Qty	Size	Qty	Gr Wt
TO-237 Bulk	1K/polybag	240 gm/1K pcs	3" x 7.5" x 7.5"	5.0K	17" x 15" x 13.5"	80.0K	26.2 kgs
T0-237 T&A	2K/ammo box	725 gm/2K pcs	12.5" x 8" x 1.8"	2.0K	17" x 15" x 13.5"	32.0K	13.8 kgs

COLLECTOR
 EMITTER

Disclaimer

The product information and the selection guides facilitate selection of the CDIL's Discrete Semiconductor Device(s) best suited for application in your product(s) as per your requirement. It is recommended that you completely review our Data Sheet(s) so as to confirm that the Device(s) meet functionality parameters for your application. The information furnished on the CDIL Web Site/CD are believed to be accurate and reliable. CDIL however, does not assume responsibility for inaccuracies or incomplete information. Furthermore, CDIL does not assume liability whatsoever, arising out of the application or use of any CDIL product; neither does it convey any license under its patent rights nor rights of others. These products are not designed for use in life saving/support appliances or systems. CDIL customers selling these products (either as individual Discrete Semiconductor Devices or incorporated in their end products), in any life saving/support appliances or systems or applications do so at their own risk and CDIL will not be responsible for any damages resulting from such sale(s).

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