



# 2/3 The Size of SOT-23 Case!

**SUPER**  
mini™



Small Signal Transistors

SOT-323 Case, 250mW

TYPE NO.	DESCRIPTION	BV <sub>CBO</sub>	BV <sub>CEO</sub>	BV <sub>EBO</sub>	I <sub>CBO</sub> @ V <sub>CB</sub>		h <sub>FE</sub>		@ V <sub>CE</sub> @ I <sub>C</sub>		V <sub>CE(SAT)</sub> @ I <sub>C</sub>		C <sub>ob</sub>	f <sub>T</sub>	NF
		(V)	(V)	(V)	*I <sub>CEV</sub> (nA)	(V)	MIN	MAX	(V)	(mA)	(V)	(mA)	(pF)	(MHz)	(dB)
		MIN	MIN	MIN	MAX	MIN	MAX	MIN	MAX	MAX	MAX	MAX	MIN	MAX	
CMST2222A	NPN AMPL/SWITCH	75	40	6.0	10	60	100	300	10	150	1.0	500	8.0	300	4.0
CMST2907A	PNP AMPL/SWITCH	60	60	5.0	10	50	100	300	10	150	1.6	500	8.0	200	-
CMST3904	NPN AMPL/SWITCH	60	40	6.0	50*	30	100	300	1.0	10	0.3	50	4.0	300	5.0
CMST3906	PNP AMPL/SWITCH	40	40	5.0	50*	30	100	300	1.0	10	0.4	50	4.5	250	4.0

## Transistors

### CERSOT-23 Case



Top View



Bottom View

- Hermetically Sealed, Ceramic Leadless Chip Carrier.
- Ultra Miniature Surface Mount Case.
- Mounts Directly on Standard SOT-23 Mounting Pads.
- Includes PrecapVisual - Similar to JANTXV.

TYPE NO.	DESCRIPTION	BV <sub>CEO</sub>	I <sub>CBO</sub> @ V <sub>CB</sub>		h <sub>FE</sub>		@ V <sub>CE</sub> @ I <sub>C</sub>		V <sub>CE(SAT)</sub> @ I <sub>C</sub>		C <sub>ob</sub>	f <sub>T</sub>	NF	t <sub>OFF</sub>
		(V)	*I <sub>CEV</sub> (nA)	(V)	MIN	MAX	(mA)	(V)	(V)	(mA)	(pF)	(MHz)	(db)	(ns)
		MIN	MAX	MIN	MAX	MIN	MAX	MAX	MAX	MAX	MIN	MAX	MAX	
CHT918	NPN RF OSC	15	10	15	20	---	3.0	1.0	0.4	10	1.7	600	6.0	---
CHT2222A	NPN AMPL/SWITCH	40	10	60	35	---	0.1	10	0.3	150	8.0	300	---	285
					50	---	1.0	10	1.0	500				
					75	---	10	10						
					100	300	150	10						
					50	---	150	1.0						
					40	---	500	10						
CHT2369A	NPN SAT SWITCH	15	400*	20	40	120	10	1.0	0.2	10	4.0	500	---	18
					30	---	30	0.4	0.25	30				
					20	---	100	1.0	0.5	100				
CHT2907A	PNP AMPL/SWITCH	60	10	50	75	---	0.1	10	0.4	150	8.0	200	---	100
					100	---	1.0	10	1.6	500				
					100	---	10	10						
					100	300	150	10						
					100	---	10	10						
					50	---	500	10						