查询2SA893ADTZ供应商 . **(ENESAS** 2SA893A WWW.DZSC.COM Silicon PNP Epitaxial REJ03G0632-0200 (Previous ADE-208-1002) Rev.2.00 Aug.10.2005 WWW.0ZSC.CO Application • Low frequency high voltage amplifier Complementary pair with 2SC1890A ٠ Outline RENESAS Package code: PRSS0003DA-A (Package name: TO-92 (1)) 1. Emitter 3. Base

## **Absolute Maximum Ratings**

Collector to base voltage			
	V <sub>CBO</sub>	-120	V
Collector to emitter voltage	V <sub>CEO</sub>	V <sub>CEO</sub> –120	
Emitter to base voltage	V <sub>EBO</sub>	-5	V
Collector current	Ic	-50	mA
Collector power dissipation	Pc	300	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

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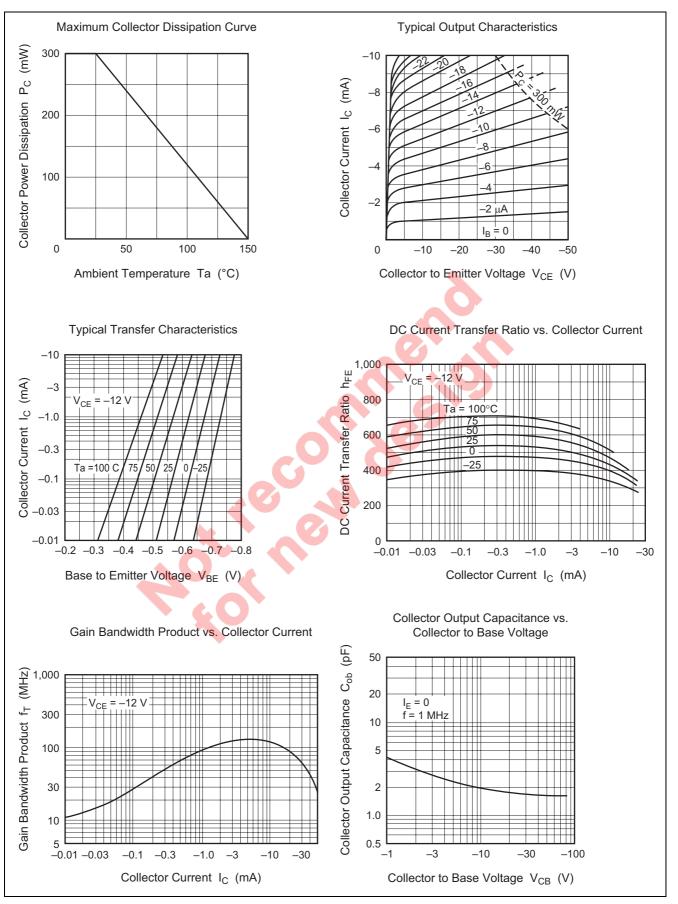
### **Electrical Characteristics**

		T		T		$(Ta = 25^{\circ}G)$
Item	Symbol	Min	Тур	Max	Unit	Test conditions
Collector to emitter breakdown voltage	V <sub>(BR)CEO</sub>	-120	—	—	V	$I_C = -1 \text{ mA}, R_{BE} = \infty$
Collector cutoff current	I <sub>CBO</sub>	_	—	—	μΑ	$V_{CB} = -75 \text{ V}, I_E = 0$
		—		-0.5	μΑ	$V_{CB} = -100 \text{ V}, I_E = 0$
DC current transfer ratio	h <sub>FE</sub> * <sup>1</sup>	250	_	800		$V_{CE} = -12 V,$
						$I_{\rm C} = -2 \text{ mA}$
Base to emitter voltage	V <sub>BE</sub>	_	_	-0.75	V	$V_{CE} = -12 V,$
						$I_{\rm C} = -2 \text{ mA}$
Collector to emitter saturation voltage	V <sub>CE(sat)</sub>	_	_	-0.5	V	$I_{\rm C} = -10  {\rm mA},$
						$I_B = -1 \text{ mA}$
Gain bandwidth product	f⊤	_	120	—	MHz	$V_{CE} = -12 V,$
						$I_{\rm C} = -2 \text{ mA}$
Collector output capacitance	Cob	_	1.8	—	pF	$V_{CB} = -25 V, I_E = 0,$
						f = 1 MHz
Noise figure	NF	_	2	10 🔷	dB	$V_{CE} = -6 V,$
						$I_C = -50 \ \mu A$
						$R_g = 50 \text{ k}\Omega, \text{ f} = 1 \text{ kHz}$
250 to 500 400 to 800	C	on	96	5		
	5					

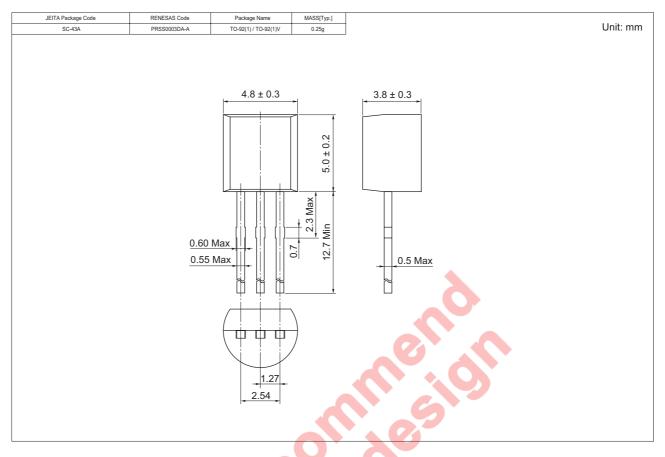
2500

D	E
250 to 500	400 to 800

### **Main Characteristics**



### **Package Dimensions**



# **Ordering Information**

Part Name	Quantity	Shipping Container
2SA893ADTZ	2500	Hold Box, Radial Taping
2SA893AETZ		

Note: For some grades, production may be terminated. Please contact the Renesas sales office to check the state of production before ordering the product.

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