

查询"2SC4890"供应商

<b>SANYO</b>	No.4137	<h1 style="margin: 0;">2SC4890</h1> <p style="margin: 0;">NPN Triple Diffused Planar Silicon Transistor</p> <p style="margin: 0;">Very High-Definition CRT Display</p> <p style="margin: 0;">Horizontal Deflection Output Applications</p>
--------------	---------	--

**Features**

- High Speed ( $t_f=100\text{ns}$  typ).
- High reliability (Adoption of HVP process).
- High breakdown voltage ( $V_{CBO}=1500\text{V}$ ).
- Adoption of MBIT process.

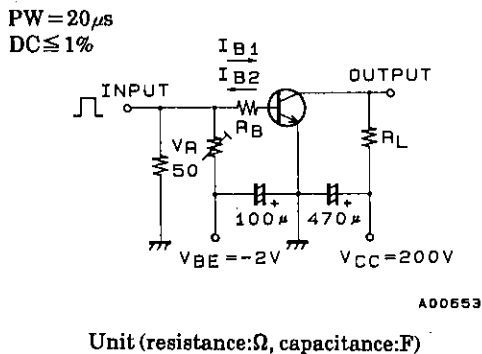
**Absolute Maximum Ratings at  $T_a=25^\circ\text{C}$**

Collector-to-Base Voltage	$V_{CBO}$	1500		V
Collector-to-Emitter Voltage	$V_{CEO}$	800		V
Emitter-to-Base Voltage	$V_{EBO}$	6		V
Collector Current	$I_C$	12		A
Peak Collector Current	$i_{cp}$	30		A
Collector Dissipation	$P_C$	3.0		W
		$T_c=25^\circ\text{C}$		75
				W
Junction Temperature	$T_j$			150
Storage Temperature	$T_{stg}$			$-55$ to $+150$
				$^\circ\text{C}$

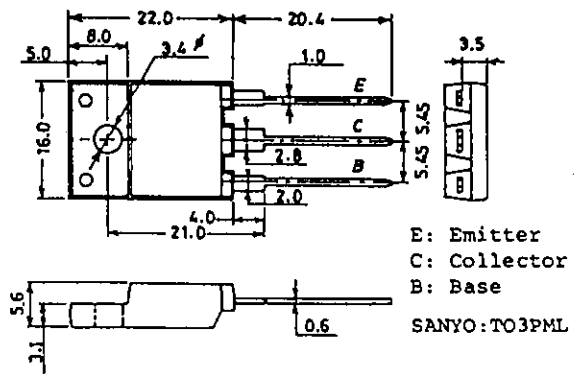
**Electrical Characteristics at  $T_a=25^\circ\text{C}$**

			min	typ	max	
Collector Cutoff Current	$I_{CBO}$	$V_{CB}=800\text{V}, I_E=0$			10	$\mu\text{A}$
Collector Cutoff Current	$I_{CES}$	$V_{CE}=1500\text{V}, R_{BE}=0$			1.0	mA
Collector Sustain Voltage	$V_{CEO(sus)}$	$I_C=100\text{mA}, I_B=0$	800			V
Emitter Cutoff Current	$I_{EBO}$	$V_{EB}=4\text{V}, I_C=0$			1.0	mA
C-E Saturation Voltage	$V_{CE(sat)}$	$I_C=10\text{A}, I_B=2.5\text{A}$			5	V
B-E Saturation Voltage	$V_{BE(sat)}$	$I_C=10\text{A}, I_B=2.5\text{A}$			1.5	V
DC Current Gain	$h_{FE(1)}$	$V_{CE}=5\text{V}, I_C=1.0\text{A}$	8		30	
	$h_{FE(2)}$	$V_{CE}=5\text{V}, I_C=10\text{A}$	4		8	
Storage Time	$t_{stg}$	$I_C=8\text{A}, I_{B1}=1.6\text{A}, I_{B2}=-3.2\text{A}$			3.0	$\mu\text{s}$
Fall Time	$t_f$	$I_C=8\text{A}, I_{B1}=1.6\text{A}, I_{B2}=-3.2\text{A}$			0.2	$\mu\text{s}$

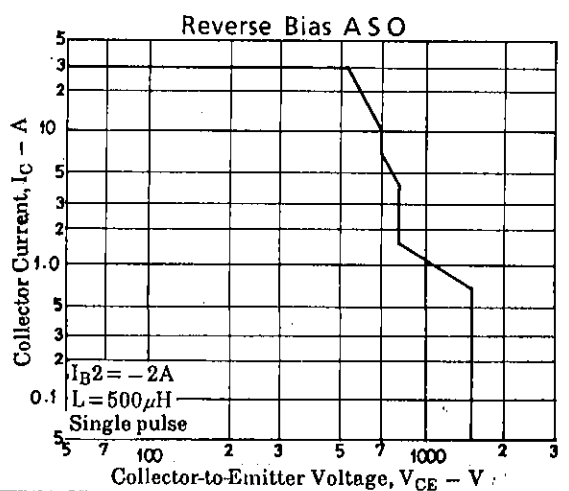
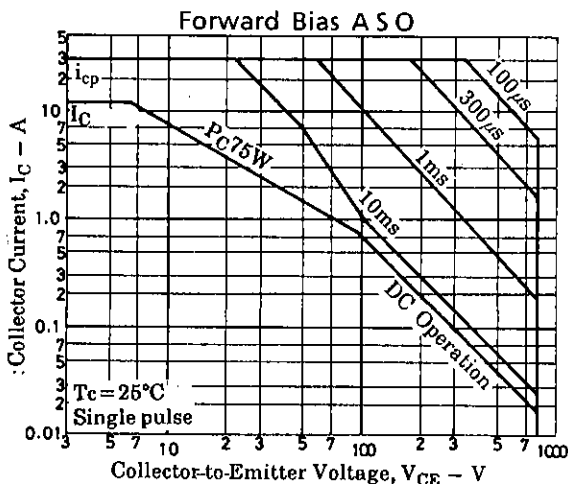
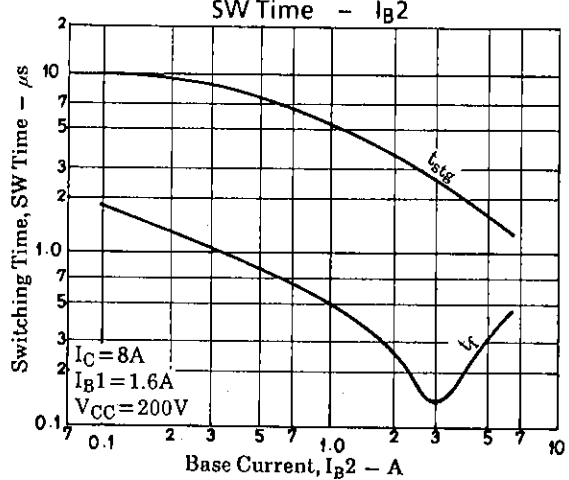
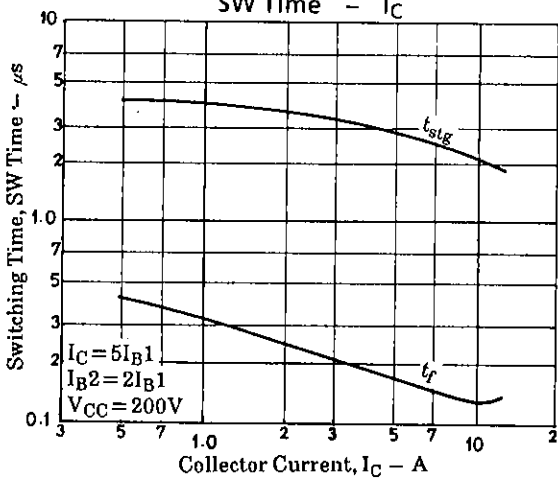
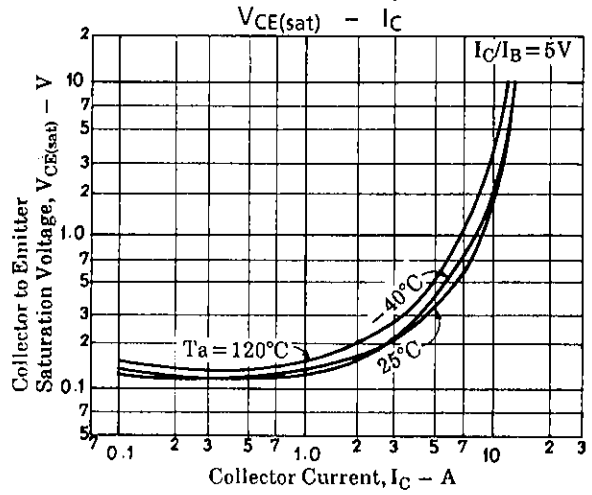
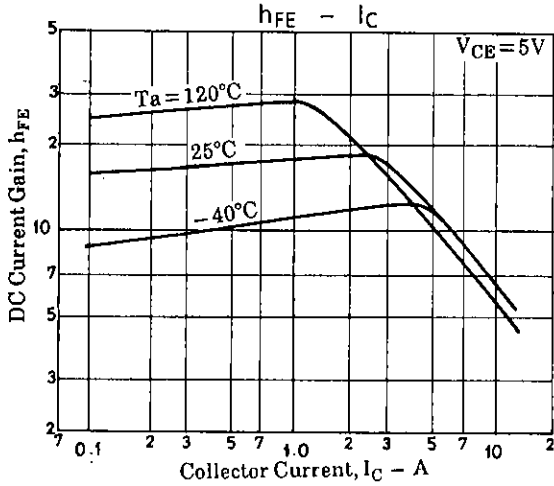
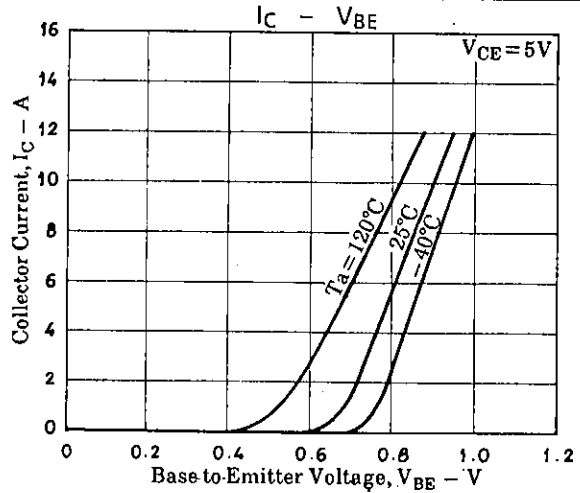
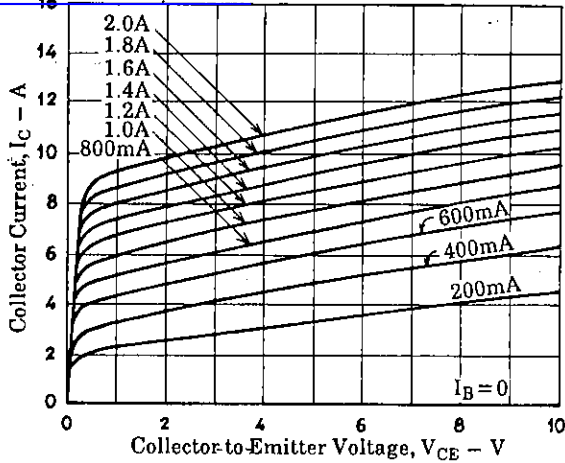
**Switching Time Test Circuit**



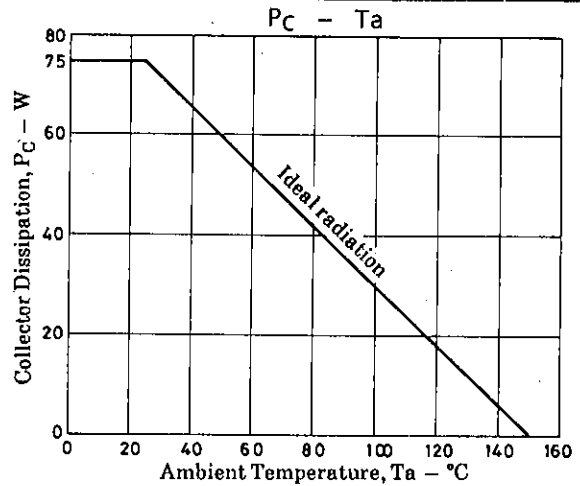
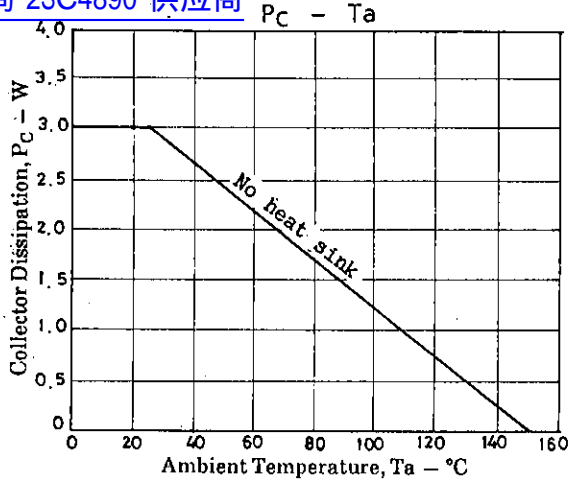
**Package Dimensions 2039A**  
(unit: mm)



查询"2SC4890"供应商  $I_C - V_{CE}$



[查询"25C4890"供应商](#)



- No products described or contained herein are intended for use in surgical implants, life-support systems, aerospace equipment, nuclear power control systems, vehicles, disaster/crime-prevention equipment and the like, the failure of which may directly or indirectly cause injury, death or property loss.
- Anyone purchasing any products described or contained herein for an above-mentioned use shall:
  - ① Accept full responsibility and indemnify and defend SANYO ELECTRIC CO., LTD., its affiliates, subsidiaries and distributors and all their officers and employees, jointly and severally, against any and all claims and litigation and all damages, cost and expenses associated with such use;
  - ② Not impose any responsibility for any fault or negligence which may be cited in any such claim or litigation on SANYO ELECTRIC CO., LTD., its affiliates, subsidiaries and distributors or any of their officers and employees jointly or severally.
- Information (including circuit diagrams and circuit parameters) herein is for example only; it is not guaranteed for volume production. SANYO believes information herein is accurate and reliable, but no guarantees are made or implied regarding its use or any infringements of intellectual property rights or other rights of third parties.