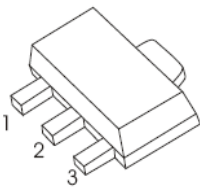
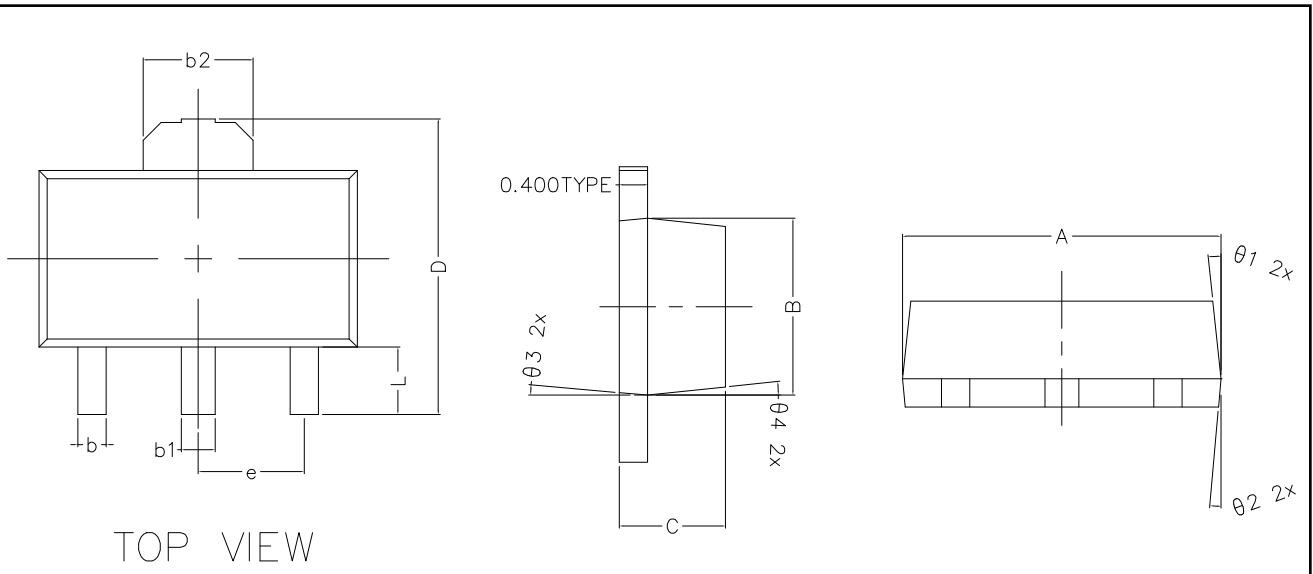


<b>TRANSISTOR (NPN)</b>				
<p><b><u>SOT-89-3L</u></b></p>  <p>1. BASE 2. COLLECTOR 3. EMITTER</p> <p>Marking :</p> <p><b>BCX54:BA, BCX54-10:BC, BCX54-16:BD</b>  <b>BCX55:BE, BCX55-10:BG, BCX55-16BM</b>  <b>BCX56:BH, BCX56-10:BK, BCX56-16:BL</b></p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>● PNP Complements to BCX51,BCX52,BCX53</li> <li>● Low Voltage</li> <li>● High Current</li> </ul> <p><b>Application</b></p> <ul style="list-style-type: none"> <li>● Driver Stages of Audio Amplifiers</li> </ul>			
<b>MAXIMUM RATINGS (T<sub>a</sub>=25°C unless otherwise noted)</b>				
Symbol	Parameter	Value	Unit	
<b>V<sub>CB0</sub></b>	Collector-Base Voltage	BCX54	45	V
		BCX55	60	
		BCX56	100	
<b>V<sub>CEO</sub></b>	Collector-Emitter Voltage	BCX54	45	V
		BCX55	60	
		BCX56	80	
<b>V<sub>EBO</sub></b>	Emitter-Base Voltage	5	V	
<b>I<sub>C</sub></b>	Collector Current	1	A	
<b>P<sub>C</sub></b>	Collector Power Dissipation	500	mW	
<b>R<sub>θJA</sub></b>	Thermal Resistance From Junction To Ambient	250	°C/W	
<b>T<sub>j</sub></b>	Junction Temperature	150	°C	
<b>T<sub>stg</sub></b>	Storage Temperature	-55~+150	°C	

ELECTRICAL CHARACTERISTICS (T <sub>a</sub> =25°C unless otherwise specified)						
Parameter	Symbol	Test conditions	Min	Typ	Max	Unit
Collector-base breakdown voltage	V <sub>(BR)CBO</sub>	I <sub>C</sub> =100µA, I <sub>E</sub> =0	BCX54	45		V
			BCX55	60		
			BCX56	100		
Collector-emitter breakdown voltage	V <sub>(BR)CEO</sub>	I <sub>C</sub> =1mA, I <sub>B</sub> =0	BCX54	45		V
			BCX55	60		
			BCX56	80		
Emitter-base breakdown voltage	V <sub>(BR)EBO</sub>	I <sub>E</sub> =100µA, I <sub>C</sub> =0	5			V
Collector cut-off current	I <sub>CBO</sub>	V <sub>CB</sub> =30V, I <sub>E</sub> =0			0.1	µA
Emitter cut-off current	I <sub>EBO</sub>	V <sub>EB</sub> =5V, I <sub>C</sub> =0			0.1	µA
DC current gain	h <sub>FE(1)</sub>	V <sub>CE</sub> =2V, I <sub>C</sub> =5mA	40			
	h <sub>FE(2)</sub>	V <sub>CE</sub> =2V, I <sub>C</sub> =150mA	63		250	
	h <sub>FE(3)</sub>	V <sub>CE</sub> =2V, I <sub>C</sub> =0.5A	25			
Collector-emitter saturation voltage	V <sub>CE(sat)</sub>	I <sub>C</sub> =0.5A, I <sub>B</sub> =50mA			0.5	V
Base -emitter voltage	V <sub>BE</sub>	V <sub>CE</sub> =2V, I <sub>C</sub> =0.5A			1	V
Transition frequency	f <sub>T</sub>	V <sub>CE</sub> =5V, I <sub>C</sub> =10mA, f=100MHz		130		MHz
<b>CLASSIFICATION OF h<sub>FE(2)</sub></b>						
<b>RANK</b>	<b>BCX54 BCX55 BCX56</b>	<b>BCX54-10 BCX55-10 BCX56-10</b>	<b>BCX54-16 BCX55-16 BCX56-16</b>			
<b>RANGE</b>	63 - 250	63 - 160	100 - 250			



COMMON DIMENSIONS (UNITS OF MEASURE IS mm)			
	MIN	NORMAL	MAX
A	4.450	4.550	4.650
B	2.450	2.550	2.650
C	1.400	1.500	1.600
D	4.100	4.200	4.300
L	0.850	0.950	1.050
b	0.350	0.400	0.450
b1	0.430	0.480	0.530
b2	1.500	1.550	1.600
e	1.500TYPE		
$\theta_1$	6° TYPE		
$\theta_2$	5° TYPE		
$\theta_3$	5° TYPE		
$\theta_4$	6° TYPE		

单击下面可查看定价，库存，交付和生命周期等信息

[>>DIOS\(迪恩思\)](#)