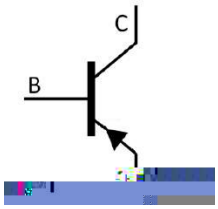
TO-92 PNP Silicon PNP tran4nstot6TO-92 Plastic Package.

, BC639

High I_C, Complementary pair with BC639.

Driver stages of audio ot6vdeo amplifiers applications.





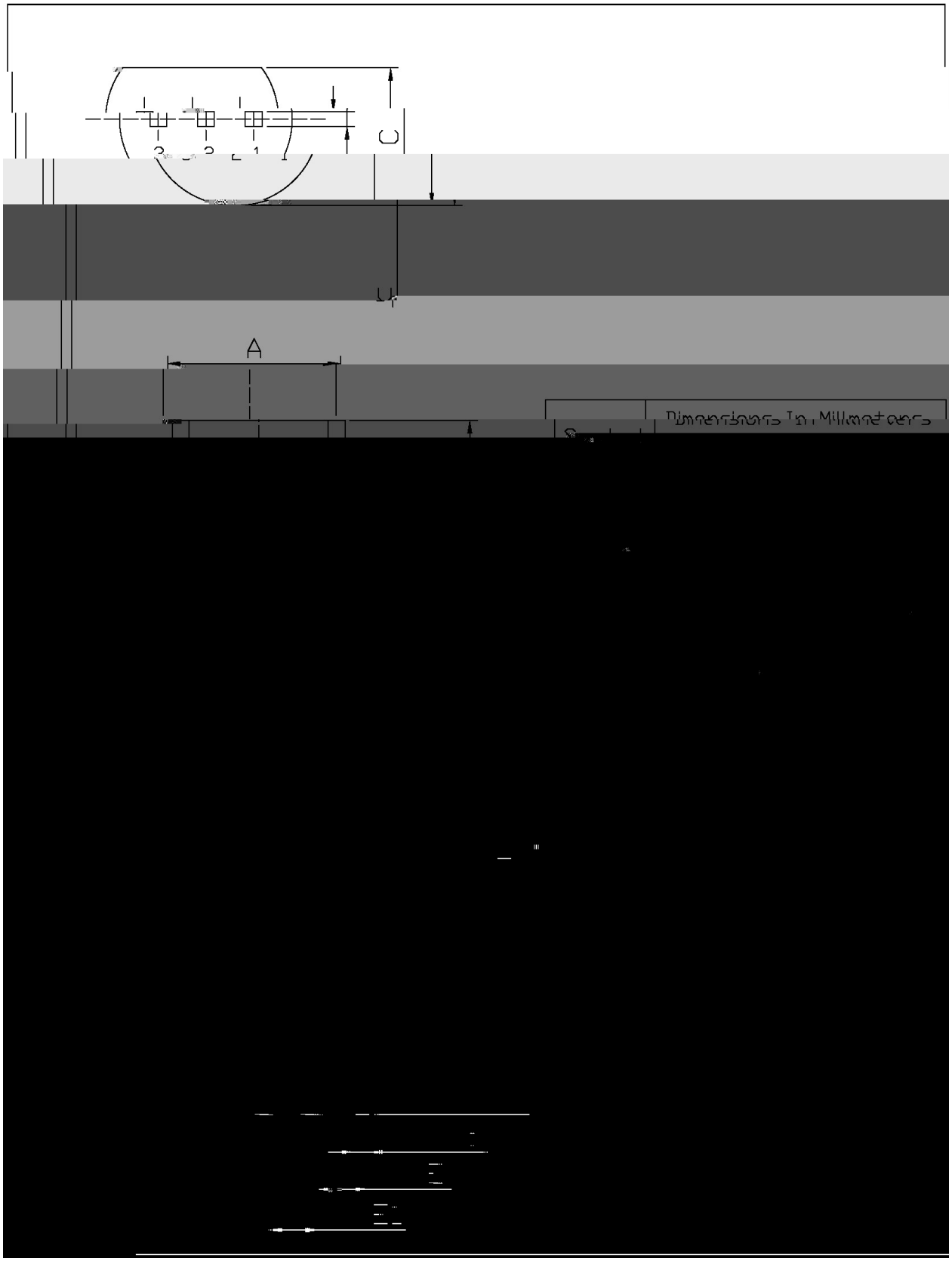
PIN1 Base PIN 2 Collectot6 PIN 3 Emitter

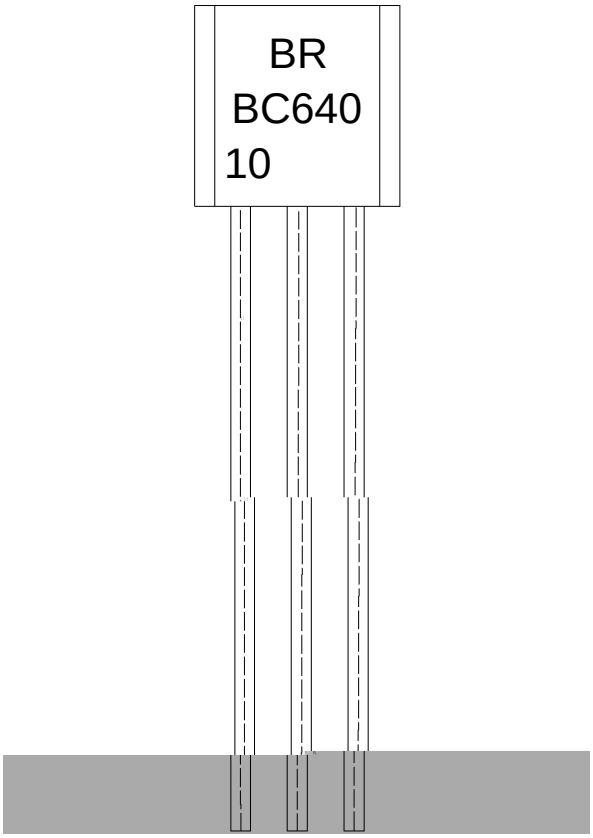
h_{FE} Classifications Symbol	10	16
h_{FE} Range	63~160	100~250

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CB0}	-100	V
Collector to Emitter Voltage	V_{CEO}	-80	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-1.0	A
Peak Collector Current	I_{CM}	-1.5	A
Peak Base Current	I_{BM}	-200	mA
Total Power Dissipation	P_{tot}	830	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CBO}	V_{CB}=-30V I_E=0			-0.1	A
Emitter Cut-Off Current	I_{EBO}	V_{EB}=-5.0V I_C=0			-0.1	A
DC Current Gain	$h_{FE(1)}$	V_{CE}=-2.0V I_C=-150mA	63		250	
	$h_{FE(2)}$	V_{CE}=-2.0V I_C=-500mA	40			
	$h_{FE(3)}$	V_{CE}=-2.0V I_C=-5.0mA	63			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	I_C=-500mA I_B=-50mA			-0.5	V
Base to Emitter Voltage	V_{BE}	I_C=-500mA V_{CE}=-2.0V			-1.0	V
Transition Frequency	f_T	V_{CE}=-5.0V I_C=-50mA f=100MHz	100			MHz

TO-92 Unit: mm





BR:

BC640

10: h_{FE}

****

Note:

BR:	Company Code.
BC640:	Product Type.
10:	h_{FE} Classifications Symbol
****:	Lot No. Code,code change with Lot No.



		Note:	
1	25 150 60 90sec;	1.Preheating:25~150 , Time:60~90sec.	
2	255±5 5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.	
3	2 10 /sec.	3. Cooling Speed: 2~10 /sec.	

270±5	10±1 sec.	Temp:270±5	Time:10±1 sec

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)		
	只 袋	袋 盒	只 盒	盒 箱	只 箱	袋	盒	箱

/ AMMO

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)	
	只 纸带	纸带 盒	纸带层 盒	盒 箱	只 箱	盒	箱
							小箱 ， 大箱