2SA684

Rev.D Nov.-2015

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

Silicon PNP transistor in a TO-92LM Plastic Package.

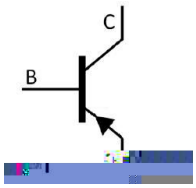
/ Features

Low $V_{CE(sat)}$,2 3W output in complementary pair with 2SC1384.

/ Applications

AF power amplifier and driver applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

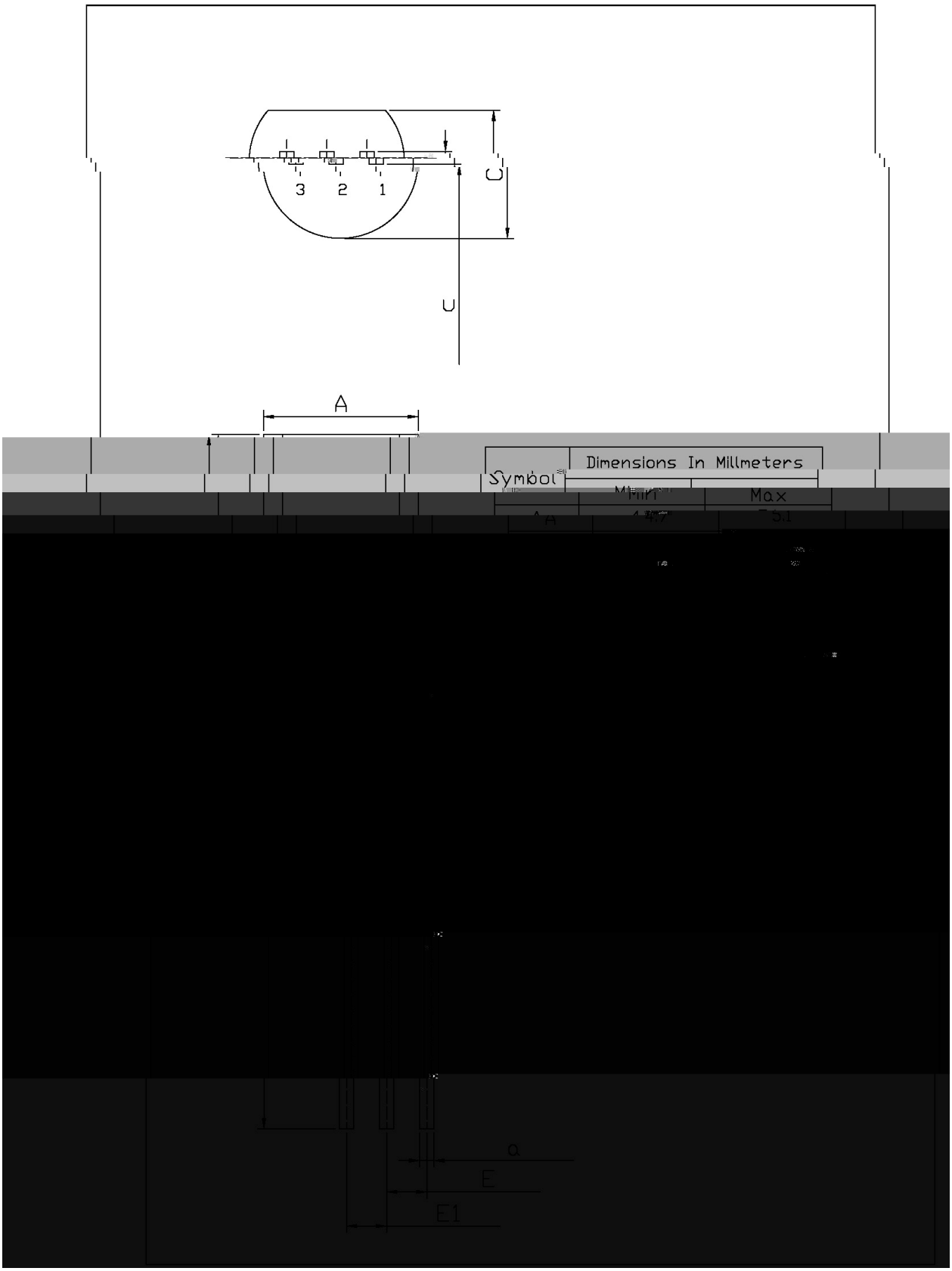
/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	Q	R	S
h_{FE} Range	85~170	120~240	170~340

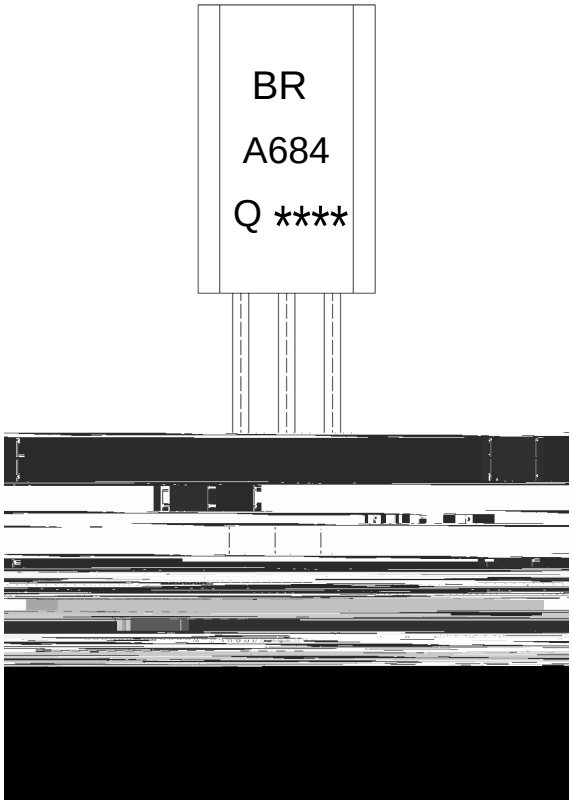
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-60	V

/ Package Dimensions

TO-92LM Unit: mm



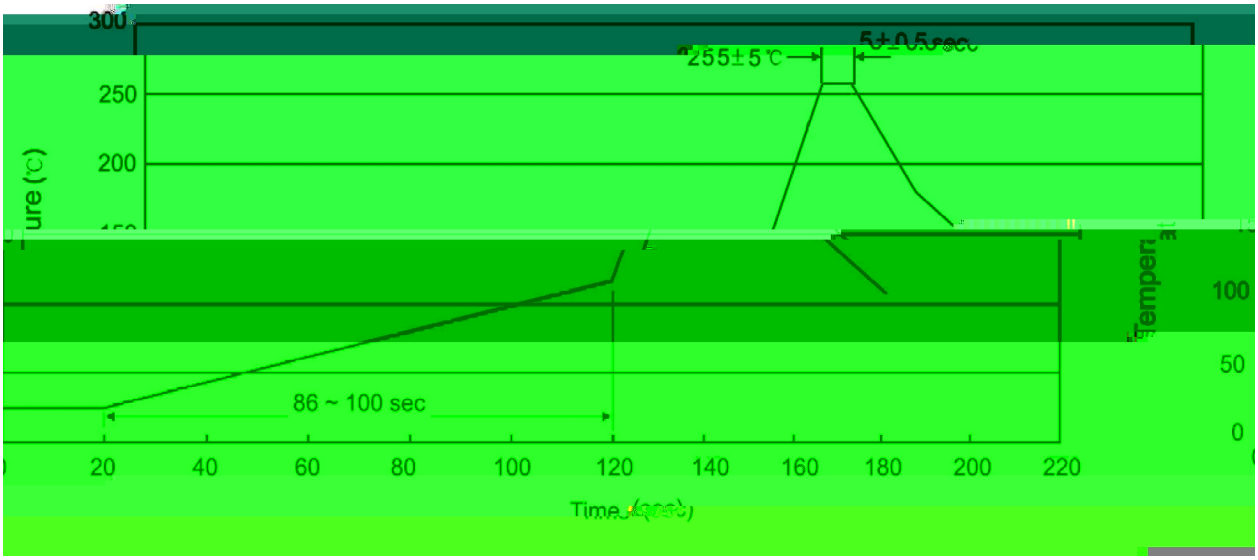
/ Marking Instructions



Note:

BR:	Company Code.
A684:	Product Type.
Q:	h_{FE} Classifications Symbol
****:	Lot No. Code,code change with Lot No.

( ) / Temperature Profile for Dip Soldering(Pb-Free)



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

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ BULK

Package Type	Units					Dimension		(unit mm3)
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-92LM	1,000	8	8,000	5	40,000	135×190	237×172×102	560×245×195

/ AMMO

Package Type	Units					Dimension	(unit mm3)
	Units/tape /	Tape/Inner Box /	Rows/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Inner Box	Outer Box
TO-92LM	2,500	1	100	10	25,000	328×230×42	480×346×235 547×407×268

/ Notices