/ Descriptions

TO-92(R) NPN Silicon NPN transistor in a TO-92(R) Plastic Package.

/ Features

, , , , ED1602

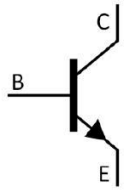
High voltage, high current, excellent h_{FE} linearity, low noise, complementary to ED1602.

/ Applications

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Audio frequency amplifier, driver stage amplifier applications.

/ Equivalent Circuit



/ Pinning



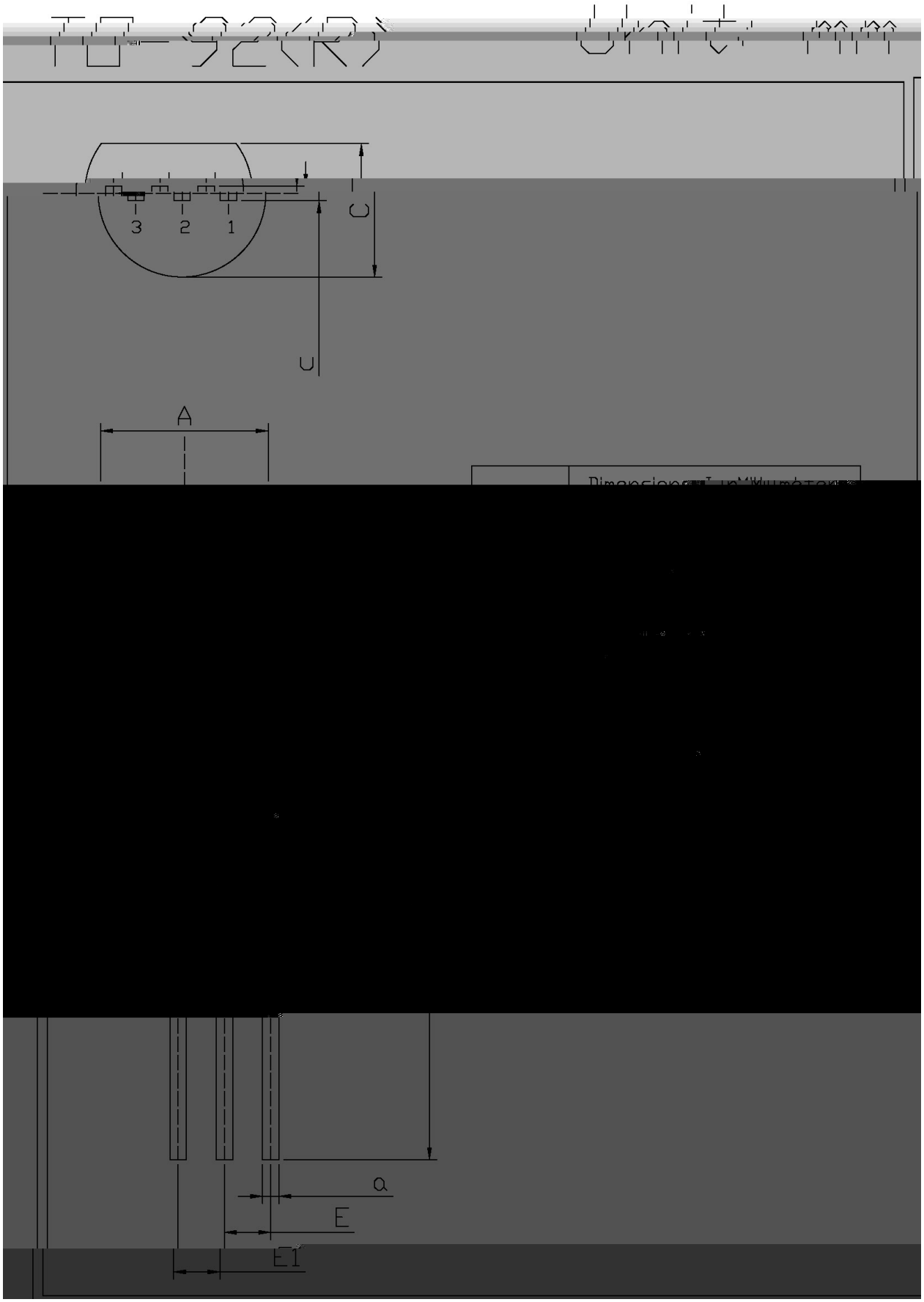
PIN1 Emitter PIN 2 Base PIN 3 Collector

/ h_{FE} Classifications & Marking

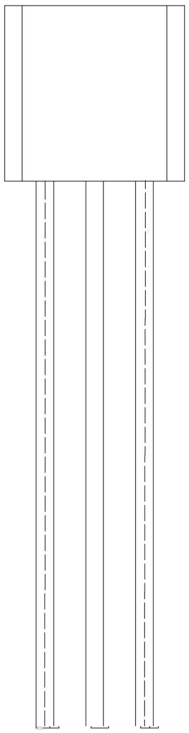
h_{FE} Classifications Symbol	A	B	C	D	E
h_{FE} Range	110 165	150 225	202		

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	28	V
Collector to Emitter Voltage	V_{CEO}	20	V
Emitter to Base Voltage	V_{EBO}	6.0	V
Collector Current - Continuous	I_C	200	mA
Base Current - Continuous	I_B	200	mA
Collector Power Dissipation	P_c	500	mW
Junction Temperature	T_j	150	

/ Package Dimensions



/ Marking Instructions



BR

1402

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



						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.	

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ BULK