



@ f Parameter	... Z Symbol	f > Rating	% y Unit
Collector to Base Voltage	V _{CBO}	-80	V
Collector to Emitter Voltage	V _{CEO}	-80	V
Emitter to Base Voltage	V _{EBO}	-5	V
Collector Current - Continuous	I _C	-500	mA
Collector Power Dissipation	P _C	200	mW
Junction Temperature	T _j	150	-
Storage Temperature Range	T _{stg}	-55 ½150	-

@ f Parameter	... Z Symbol	y i Ú ^ Test Conditions	Â 4 > Min	Á ° > Typ	Â Ý > Max	% y Unit
Collector to Base Breakdown Voltage	V _{CBO}	I _C =-50 A	-80			V
Collector to Emitter Breakdown Voltage	V _{CEO}	I _C =-2mA	-80			V
Emitter to Base Breakdown Voltage	V _{EBO}	I _E =-50 A	-5			V
Collector Base Cut-Off Current	I _{CBO}	V _{CB} =-50 V I _E =0			-0.5	A
Collector Emitter Cut-Off Current	I _{CEO}	V _{CE} =-65 V I _B =0			-5	A
Emitter Base Cut-Off Current	I _{EBO}	V _{EB} =-4.0V I _C =0			-0.5	A

Eh]TJ 7.0172 0 0 7.02 24157 351.8803 Tm -.00238Tc 0 Tw (EF)Tj 10.4958 0 0 10.5 295464 .20.3604 Tm - Tc ()Tj 1

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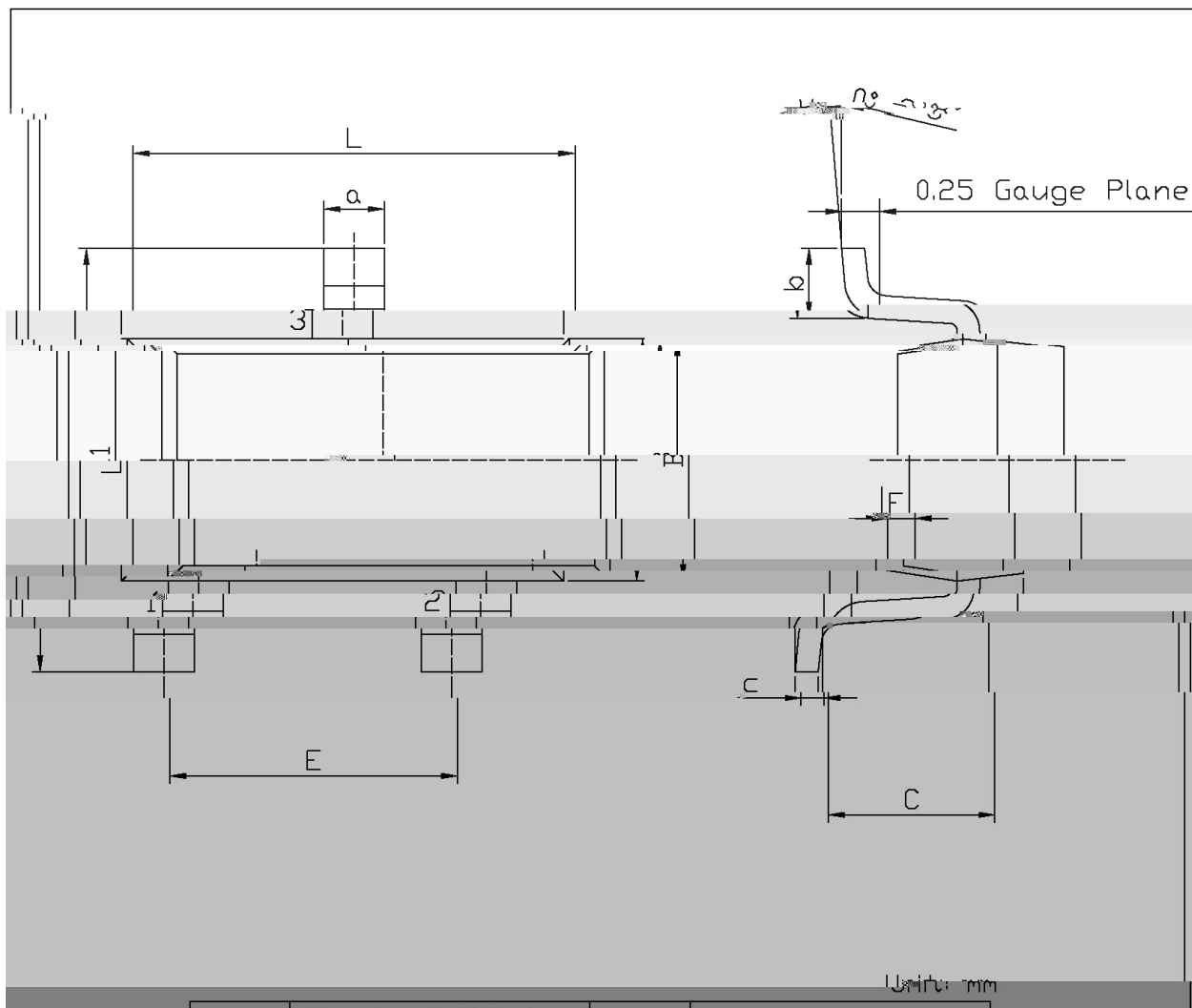
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BLUE ROCKET ELECTRONICS

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Ø □ =) ☐ / Package Dimensions



Unit: mm


, M y f / Marking Instructions

 α_{f}
 β_{f} [W A

 β_{1} ° Z W A

 β_{8} h_{FE} ã W A

Note:

H: Company Code

AK: Product Type Code

R: h_{FE} Classifications Symbol Code

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šWD t...•Žč (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

ačy

10•Ä½“† 150½180 - kž• 60½90sec;

20•Q>“† 245 r5 - kž•4 Ò 5 r0.5sec;

30•D Nò i Ò 0 ,† 2½10 - /sec.

Note:

1.Preheating:150~180 - , Time:60~90sec.

2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.

3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p~»] / Resistance to Soldering Heat Test Conditions

“†y 260 r5 -

ž•y 10 r1 sec.

Temp.:260 r5 -

Time:10 r1 sec

G P á / Packaging SPEC.

2 & x / REEL

Package Type 7>û~E	Units ;>û H					Dimension ;>û p . (unit /mm³)		
	Units/Reel /-	Reels/Inner Box -- /-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box	Outer Boxç
SOT-23-3	3,000	10	30,000	4	120,000	7 s ×8	210×205×205	445×230×435

„Đ y f / Notices