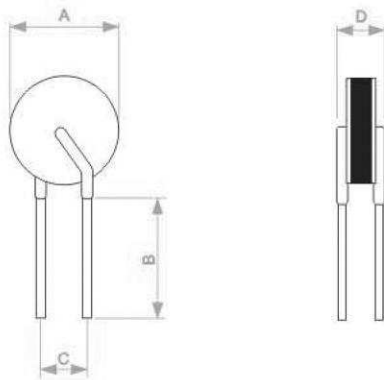


ESKA Fuses

Product Dimensions(mm)

Part Number	A	B	C	D	Lead Size(ϕ)
	Max.	Max.	Min.	Typ.	
LBR200	5.5	7.6	5.1	3.1	0.6
LBR250	7.5	7.6	5.1	3.1	0.6
LBR350	7.5	7.6	5.1	3.1	0.6
LBR550	11.0	7.6	5.1	3.1	0.8
LBR750	11.0	7.6	5.1	3.1	0.8
LBR900	13.0	7.6	5.1	3.1	0.8



※Lead materials: Tin-plate metal wire.

※Lead-free devices are available.

Electrical Characteristics

Part Number	I_H	I_T	T_{trip}	V_{max}	I_{max}	Pd_{typ}	R_{min}	R_{max}
	(A)	(A)	(S)	(V)	(A)	(W)	(Ω)	(Ω)
LBR200	0.20	0.40	10	90	20	1.70	1.00	2.50
LBR250	0.25	0.50	10	90	20	1.75	0.80	2.00
LBR350	0.35	0.70	10	90	20	1.80	0.60	1.20
LBR550	0.55	1.10	10	90	20	2.00	0.35	0.90
LBR750	0.75	1.50	10	90	20	2.50	0.20	0.60
LBR900	0.90	1.80	10	90	20	3.00	0.10	0.50

※LBR series with higher voltage(120 V\250V,etc.)can also be provided.

● I_H =Hold current:maximum current at which the device will not trip at 25°C still air.

● I_T =Trip current:minimum current at which the device will always trip at 25°C still air.

● T_{trip} =Maximum time to trip(s) at 3* I_H .

● V_{max} =Maximum voltage device can withstand without damage at rated current.

● I_{max} =Maximum fault current device can withstand without damage at rated voltage.

● Pd_{typ} =Typical power dissipation:typical amount of power dissipated by the device when in state air environment.

● R_{min} =Minimum device resistance at 25°C prior to tripping.

● R_{max} =Maximum device resistance at 25°C prior to tripping.

Thermal Derating Chart-I_H(A)

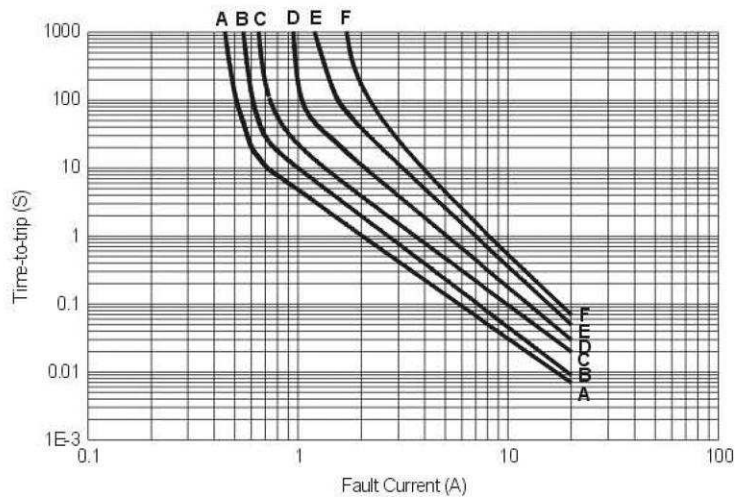
Part Number	Maximum ambient operating temperatures(°C)								
	-40	-20	0	25	40	50	60	70	85
LBR200	0.30	0.26	0.24	0.20	0.16	0.15	0.13	0.10	0.08
LBR250	0.38	0.33	0.28	0.25	0.21	0.18	0.16	0.14	0.10
LBR350	0.54	0.46	0.42	0.35	0.28	0.26	0.23	0.20	0.14
LBR550	0.86	0.76	0.66	0.55	0.46	0.42	0.36	0.31	0.24
LBR750	1.16	1.00	0.92	0.75	0.62	0.56	0.50	0.42	0.30
LBR900	1.42	1.24	1.08	0.90	0.74	0.66	0.58	0.50	0.36

Test Procedures And Requirements

Test	Test Conditions	Accept/Reject Criteria
Resistance	In still air @ 25°C	$R_{min} \leq R \leq R_{max}$
Time to Trip	3 time I _H , V _{max} , 25°C	T ≤ max. Time to trip(T _{trip})
Hold Current	30 min, at I _H	No trip
Trip Cycle Life	V _{max} , I _{max} , 100cycles	No arcing or buring
Trip Endurance	V _{max} , 24hours	No arcing or buring

Typical Time-to-Trip Charts at 25°C

- A=LBR200
- B=LBR250
- C=LBR350
- D=LBR550
- E=LBR750
- F=LBR900



Agency Recognition

UL、CSA.....E 202125



Package Information

Bulk:

●LBR200~LBR900.....1000pcs per bag

Tape & Reel:

●LBR200~LBR900.....1500pcs per reel