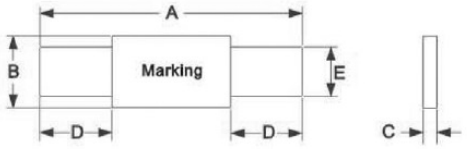
ESKA LP Reihe

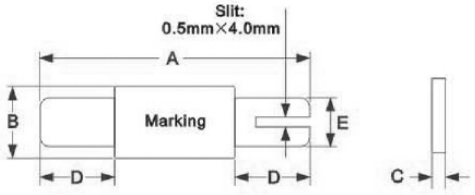
ESKA Fuses

■Product Dimensions(mm)

Part Number	A Typ.	B Typ.	C Typ.	D Typ.	E Typ.
LP070	20.0	5.2	0.9	6.0	4.0
LP100	20.0	5.2	0.8	6.0	4.0
LP120	20.0	5.2	0.8	6.0	4.0
LP175	22.0	5.2	0.8	5.0	4.0
LP180	22.0	5.2	0.8	5.0	4.0
LP190	22.0	8.2	0.8	6.2	5.0
LP200	22.0	8.2	0.7	6.2	5.0
LP260	22.0	8.2	0.8	6.2	5.0
LP300	27.0	13.3	0.8	6.0	5.0
LP310	27.0	13.3	0.8	6.0	5.0
LP340	27.0	13.3	0.8	6.0	5.0
LP350	27.0	13.3	0.8	6.0	5.0
LP420	31.0	13.2	0.8	6.3	5.0



Standard style

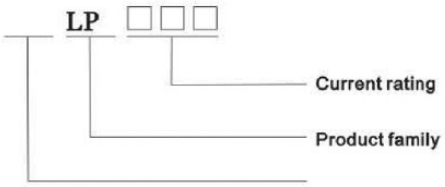


"S" style

※Lead material:nickel

※Insulating material:polyester tape

■Part Marking System



■Test Procedures And Requirements

Test	Test Conditions	Accept/Reject Criteria
Resistance	In still air @ 25℃	$R_{min} \leqslant R \leqslant R_{max}$
Time to Trip	Specified current, V_{max}, 25℃	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

■Electrical Characteristics

Part Number	I_H	I_T	T_{trip}		V_{max}	I_{max}	R_{min}	R_{max}
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	(Ω)	(Ω)
LP070	0.70	1.45	3.5	5.0	15	100	0.100	0.200
LP100	1.00	2.50	5.0	7.0	24	100	0.070	0.130
LP120	1.20	2.70	6.0	5.0	15	100	0.085	0.160
LP175	1.75	3.80	8.5	5.0	15	100	0.050	0.090
LP180	1.80	3.80	9.0	2.9	24	100	0.040	0.068
LP190	1.90	4.20	9.5	3.0	24	100	0.030	0.057
LP200	2.00	4.40	10.0	4.0	30	100	0.030	0.060
LP260	2.60	5.20	13.0	5.0	24	100	0.25 0	0.042
LP300	3.00	6.30	15.0	4.0	24	100	0.015	0.031
LP310	3.10	6.00	15.5	5.0	24	100	0.018	0.030
LP340	3.40	6.80	17.0	5.0	24	100	0.016	0.027
LP350	3.50	6.30	20.0	3.0	24	100	0.017	0.031
LP420	4.20	7.60	20.0	6.0	24	100	0.012	0.024

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

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

●T_{trip}=Maximum time to trip(s) at assigned current.

●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.

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

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

■Thermal Derating Chart-I_H(A)

Part Number	Maximum ambient operating temperatures(℃)								
	-40	-20	0	25	40	50	60	70	85
LP070	1.32	1.21	0.99	0.70	0.63	0.60	0.50	0.39	0.26
LP100	2.00	1.73	1.52	1.00	0.99	0.85	0.75	0.61	0.40
LP120	1.95	1.74	1.54	1.20	1.07	0.98	0.87	0.76	0.58
LP175	2.57	2.36	2.07	1.75	1.59	1.39	1.27	1.18	0.99
LP180	3.23	2.88	2.35	1.80	1.48	1.20	1.10	0.75	0.45
LP190	3.50	3.00	2.51	1.90	1.60	1.35	1.20	0.88	0.52
LP200	3.28	2.88	2.59	2.00	1.81	1.70	1.52	1.31	1.02
LP260	4.40	3.80	3.19	2.60	2.10	1.80	1.49	1.19	0.70
LP300	5.20	4.49	3.78	3.00	2.39	2.04	1.70	1.35	0.78
LP310	5.46	4.68	3.80	3.10	2.45	2.11	1.80	1.40	0.80
LP340	5.60	4.88	4.10	3.40	2.70	2.33	2.00	1.60	0.89
LP350	5.51	4.89	4.42	3.58	3.00	2.89	2.62	2.28	1.79
LP420	6.53	5.81	5.20	4.20	3.69	3.38	3.10	2.75	2.24

■Agency Recognition

UL、CSA.....E 202125

TUV .....R 02134634

■Package Information

Bulk:

●LP070-LP260.....1000pcs per bag

●LP300-LP420.....500pcs per bag