

ALPS ALPINE CO., LTD.

Engineering Administration Department

Hironobu Watanabe

Limit : 0.1% · wt

SVHC use product list

No.	Description	Our P/N	Product Weight (g)	The location/ application of SVHC Used	Homogeneous material Weight(mg)	The name of SVHC	CAS No.	Weight of SVHC (mg)	Homogeneous material /SVHC (%)	Remarks
1	Encoder	EC1110120005	5.	Shaft/ Free machining	1915	Lead	7439-92-1	57.45	3.00%	
2		EC11EBB24C01	5.	Shaft/ Free machining	670	Lead	7439-92-1	20.1	3.00%	
3		EC11EBB24C03	5.3	Shaft/ Free machining	1140	Lead	7439-92-1	34.2	3.00%	
4	Sensor	RDC401D08A	2.245	Screw/ Free machining	570	Lead	7439-92-1	17.1	3.00%	
5		RDC401D10A	1.9	Screw/ Free machining	570	Lead	7439-92-1	17.1	3.00%	
6	Potentiometer	RK0972213001	11.3	INNER SHAFT/ Free machining	3123	Lead	7439-92-1	93.69	3.00%	
				OUTER SHAFT/ Free machining	1940	Lead	7439-92-1	58.2	3.00%	
				SPACER/ Free machining	91	Lead	7439-92-1	2.73	3.00%	
7		RK0972310C02	10.2	INNER SHAFT/ Free machining	2762	Lead	7439-92-1	82.86	3.00%	
				OUTER SHAFT/ Free machining	1940	Lead	7439-92-1	58.2	3.00%	
8		RK0972310C06	11.883	INNER SHAFT/ Free machining	3070	Lead	7439-92-1	92.1	3.00%	
				OUTER SHAFT/ Free machining	3080	Lead	7439-92-1	92.4	3.00%	
9		RK27112MC009	88.	Post/ Free machining	1130	Lead	7439-92-1	33.9	3.00%	
10		RK27112MC00X	88.	Post/ Free machining	1130	Lead	7439-92-1	33.9	3.00%	
11		RK27112MC01E	87.	Post/ Free machining	1130	Lead	7439-92-1	33.9	3.00%	
12		RK27112MCA07	89.3	Post/ Free machining	1130	Lead	7439-92-1	33.9	3.00%	
13		RK27112MCA13	86.4	Post/ Free machining	1130	Lead	7439-92-1	33.9	3.00%	

14		RK27112MCA1E	92.	Post/ Free machining	1130	Lead	7439-92-1	33.9	3.00%	
15		RK27114MC00D	103.1	Post/ Free machining	1130	Lead	7439-92-1	33.9	3.00%	
16		RSA0K11V900U	138.	Post/ Free machining	361.5	Lead	7439-92-1	0.902	3.00%	
17		RSA0K11V901Y	138.	Shaft Post/ Free machining	360.951	Lead	7439-92-1	0.902	3.00%	
18	Stick Controller	RKJXK122400Y	10.	Shaft/ Free machining	436	Lead	7439-92-1	1.078	3.00%	
19		RKJXL100401V	2.8	Shaft/ Free machining	380	Lead	7439-92-1	11.4	3.00%	
20		RKJXM1015001	1.47	Shaft/ Free machining	420	Lead	7439-92-1	12.6	3.00%	
21		RKJXM1015004	1.462	Shaft/ Free machining	420	Lead	7439-92-1	12.6	3.00%	
22		RKJXM2E13004	3.672	Shaft/ Free machining	420	Lead	7439-92-1	12.6	3.00%	
23		RKJXT1F42001	3.7	Shaft/ Free machining	591	Lead	7439-92-1	17.73	3.00%	
24		RKJXW1014002	32.4	Shaft/ Free machining	4730	Lead	7439-92-1	141.9	3.00%	
25		Switch	SRRM254700	15.16	BEARING/ Free machining	2580	Lead	7439-92-1	77.4	3.00%
26	SRRM433700		15.6	BEARING/ Free machining	2580	Lead	7439-92-1	77.4	3.00%	