

CUSTOMER'S NAME

MOUSER ELECTRONICS

ALPHA REFERENCE NO.




SP18030057

SPECIFICATION

PART NO.	ALPHA MODEL NAME
	RV24AF-10-20K-XXX-LA
	XXX for (B1K~500K)

MODEL NAME
MODEL NO.

APPROVAL

PREPARED BY	REVIEWED BY	APPROVED BY
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ACUSTOMER' S NAME	NOTE	DATE
CUSTOMER' S PART NAME		
CUSTOMER' S DRAWING NO.		

1. MECHANICAL SPECIFICATION		2. ELECTRICAL SPECIFICATION	
1. OUTSIDE DIMENSION	append fig.	terminal 1-3	1K~500K Ω± 20 %
2. TOTAL ROTATION ANGLE	degree	terminal 1-4	Ω± %
3. TOTAL TRAVEL STROKE	mm	temp 0~50°C	0.5 W
4. NUT WIRING STRENGTH	twisting moment		500 V
5. SCREW TIGHTENING FORCE	torsional moment		50 %point
6. ROTATION TORQUE	speed 60 deg/sec.		40 ~ 60 %
7. SLIDING FORCE	speed 20mm/sec		less than 20/30 Ω
8. SHAFT LEVER STRENGTH	pulling pushing		less than 100 Ω
9. SHAFT LEVER WOBBLE	within mm (bending moment)		less than 47 mV
10. SHAFT LEVER STOP STRENGTH	more than 6 kgf.cm (static load) / 60 sec		more than 100 MΩ(DC) 500 V
11. TERMINAL STRENGTH	more than 500 gf.cm / 10 ± 1 sec		AC 500 V 1 minute
	soldering heat 350±5°C/3sec. 200gf.cm/10 ±1sec		
	resist change within ± 2%		
12. CLICK POSITION & TORQUE	gf.cm		
13. SWITCH WORKING ANGLE (STROKE)	degree (mm)		
14. SWITCH WORKING TORQUE (FORCE)	gf.cm		
15. SWITCH CIRCUIT			

3. USABLE TEMPERATURE RANGE: from -10°C to 70°C

4. VR LIFE 15,000 ± TIMES
RESISTANCE CHANGE: within ± %
SLIDE NOISE : less than mV

SW LIFE ± TIMES
CONTACT RESISTANCE: less than mΩ

REFERENCE NO.	REV
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MODEL NAME	DRAWING NO.
RV24AF-10-20K-B1K~500K-LA	

SHAFT

MATERIAL	ANGLE OF FLAT OR SLOT	DIMENSION		
		M	L	F
	at		20	T

