

ALPHA Illuminated Slide and Rotary Potentiometers



ALPHA



This product is RoHS compliant.

ALPHA SLIDE POTENTIOMETERS WITH LED

Specifications:

- Tolerance: $\pm 20\%$
- Slide Life: 15,000 Cycles
- Rated Voltage: 200V
- Rated Wattage: 20mm-0.1, 30mm & 45mm-0.2
- Insulation resistance: 100M Ω @ 250VDC
- Breakdown voltage: 300VAC for 1 minute

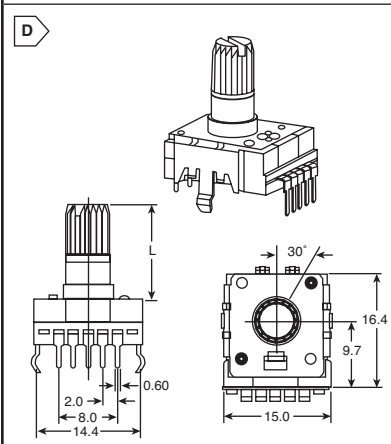
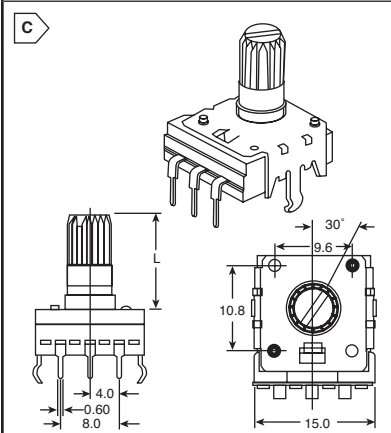
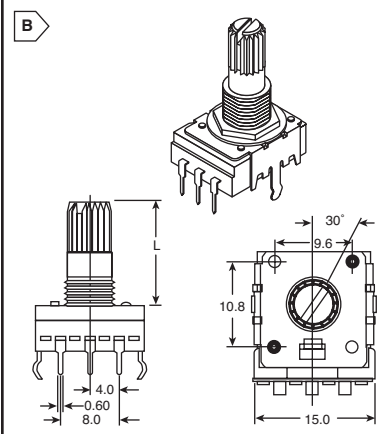
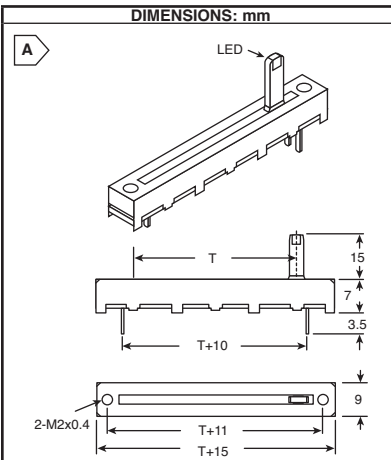
- Linear Taper
- Center Detent
- No knob required
- Lever length: 15mm
- Slide travel: 20mm, 30mm and 45mm
- LED's available in Red, Green and Amber



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alpha Part No.	Fig.	Lever Travel (T)	Value (Ω)	LED Color	Price Each			
						1	10	100	500
312-2045F-R5K	RA2045F-20R-15LC-B5K-C	A	20mm	5K	Red	2.78	2.39	2.05	1.71
312-2045F-G5K	RA2045F-20G-15LC-B5K-C	A	20mm	5K	Green	2.78	2.39	2.05	1.71
312-2045F-A5K	RA2045F-20A-15LC-B5K-C	A	20mm	5K	Amber	2.78	2.39	2.05	1.71
312-2045F-R10K	RA2045F-20R-15LC-B10K-C	A	20mm	10K	Red	2.78	2.39	2.05	1.71
312-2045F-G10K	RA2045F-20G-15LC-B10K-C	A	20mm	10K	Green	2.78	2.39	2.05	1.71
312-2045F-A10K	RA2045F-20A-15LC-B10K-C	A	20mm	10K	Amber	2.78	2.39	2.05	1.71
312-2045F-R50K	RA2045F-20R-15LC-B50K-C	A	20mm	50K	Red	2.78	2.39	2.05	1.71
312-2045F-G50K	RA2045F-20G-15LC-B50K-C	A	20mm	50K	Green	2.78	2.39	2.05	1.71
312-2045F-A50K	RA2045F-20A-15LC-B50K-C	A	20mm	50K	Amber	2.78	2.39	2.05	1.71
312-2045F-R100K	RA2045F-20R-15LC-B100K-C	A	20mm	100K	Red	2.78	2.39	2.05	1.71
312-2045F-G100K	RA2045F-20G-15LC-B100K-C	A	20mm	100K	Green	2.78	2.39	2.05	1.71
312-2045F-A100K	RA2045F-20A-15LC-B100K-C	A	20mm	100K	Amber	2.78	2.39	2.05	1.71
312-3045F-R5K	RA3045F-20R-15LC-B5K-C	A	30mm	5K	Red	2.35	2.03	1.75	1.46
312-3045F-G5K	RA3045F-20G-15LC-B5K-C	A	30mm	5K	Green	2.35	2.03	1.75	1.46
312-3045F-A5K	RA3045F-20A-15LC-B5K-C	A	30mm	5K	Amber	2.35	2.03	1.75	1.46
312-3045F-R10K	RA3045F-20R-15LC-B10K-C	A	30mm	10K	Red	2.35	2.03	1.75	1.46
312-3045F-G10K	RA3045F-20G-15LC-B10K-C	A	30mm	10K	Green	2.35	2.03	1.75	1.46
312-3045F-A10K	RA3045F-20A-15LC-B10K-C	A	30mm	10K	Amber	2.35	2.03	1.75	1.46
312-3045F-R50K	RA3045F-20R-15LC-B50K-C	A	30mm	50K	Red	2.35	2.03	1.75	1.46
312-3045F-G50K	RA3045F-20G-15LC-B50K-C	A	30mm	50K	Green	2.35	2.03	1.75	1.46
312-3045F-A50K	RA3045F-20A-15LC-B50K-C	A	30mm	50K	Amber	2.35	2.03	1.75	1.46
312-3045F-R100K	RA3045F-20R-15LC-B100K-C	A	30mm	100K	Red	2.35	2.03	1.75	1.46
312-3045F-G100K	RA3045F-20G-15LC-B100K-C	A	30mm	100K	Green	2.35	2.03	1.75	1.46
312-3045F-A100K	RA3045F-20A-15LC-B100K-C	A	30mm	100K	Amber	2.35	2.03	1.75	1.46
312-4545F-R5K	RA4545F-20R-15LC-B5K-C	A	45mm	5K	Red	2.40	2.08	1.80	1.50
312-4545F-G5K	RA4545F-20G-15LC-B5K-C	A	45mm	5K	Green	2.40	2.08	1.80	1.50
312-4545F-A5K	RA4545F-20A-15LC-B5K-C	A	45mm	5K	Amber	2.40	2.08	1.80	1.50
312-4545F-R10K	RA4545F-20R-15LC-B10K-C	A	45mm	10K	Red	2.40	2.08	1.80	1.50
312-4545F-G10K	RA4545F-20G-15LC-B10K-C	A	45mm	10K	Green	2.40	2.08	1.80	1.50
312-4545F-A10K	RA4545F-20A-15LC-B10K-C	A	45mm	10K	Amber	2.40	2.08	1.80	1.50
312-4545F-R50K	RA4545F-20R-15LC-B50K-C	A	45mm	50K	Red	2.40	2.08	1.80	1.50
312-4545F-G50K	RA4545F-20G-15LC-B50K-C	A	45mm	50K	Green	2.40	2.08	1.80	1.50
312-4545F-A50K	RA4545F-20A-15LC-B50K-C	A	45mm	50K	Amber	2.40	2.08	1.80	1.50
312-4545F-R100K	RA4545F-20R-15LC-B100K-C	A	45mm	100K	Red	2.40	2.08	1.80	1.50
312-4545F-G100K	RA4545F-20G-15LC-B100K-C	A	45mm	100K	Green	2.40	2.08	1.80	1.50
312-4545F-A100K	RA4545F-20A-15LC-B100K-C	A	45mm	100K	Amber	2.40	2.08	1.80	1.50



ALPHA 14MM CLEAR SHAFT POTENTIOMETERS

Features:

- Clear plastic shaft in which a LED can be placed in the bottom to illuminate the shaft
- Any color T1 (3mm) size LED can be used

Specifications:

- Tolerance: $\pm 20\%$
- Rated Wattage: 0.05
- Rated Voltage: 50V AC
- Rotational Life: 15,000 Cycles
- Rotation torque: 20 to 200g/cm
- Insulation resistance: 100M Ω @ 250VDC
- Breakdown voltage: 300VAC for 1 minute

Applications:

- Video
- Computers
- Audio equipment
- Communications



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Clear Shaft Single Rotary Panel Mount Potentiometer

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alpha Part No.	Fig.	Taper	Value (Ω)	L (mm)	Price Each			
						1	50	100	500
313-1400F-5K	RV141F-40E3-18BL-B5K	B	Linear	5K	18	2.04	1.80	1.56	1.32
313-1400F-10K	RV141F-40E3-18BL-B10K	B	Linear	10K	18	2.04	1.80	1.56	1.32
313-1400F-20K	RV141F-40E3-18BL-B20K	B	Linear	20K	18	2.04	1.80	1.56	1.32
313-1400F-50K	RV141F-40E3-18BL-B50K	B	Linear	50K	18	2.04	1.80	1.56	1.32
313-1400F-100K	RV141F-40E3-18BL-B100K	B	Linear	100K	18	2.04	1.80	1.56	1.32

Clear Shaft Single Rotary Potentiometer

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alpha Part No.	Fig.	Taper	Value (Ω)	L (mm)	Price Each			
						1	50	100	500
313-1410F-5K	RV141F-40-20BL-B5K	C	Linear	5K	13.7	1.96	1.72	1.50	1.27
313-1410F-10K	RV141F-40-20BL-B10K	C	Linear	10K	13.7	1.96	1.72	1.50	1.27
313-1410F-20K	RV141F-40-20BL-B20K	C	Linear	20K	13.7	1.96	1.72	1.50	1.27
313-1410F-50K	RV141F-40-20BL-B50K	C	Linear	50K	13.7	1.96	1.72	1.50	1.27
313-1410F-100K	RV141F-40-20BL-B100K	C	Linear	100K	13.7	1.96	1.72	1.50	1.27

Clear Shaft Dual Rotary Potentiometer

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alpha Part No.	Fig.	Taper	Value (Ω)	L (mm)	Price Each			
						1	50	100	500
313-1415F-5K	RV142F-40-20BL-A5K	D	Audio	5K	13.7	2.38	2.10	1.82	1.54
313-1415F-10K	RV142F-40-20BL-A10K	D	Audio	10K	13.7	2.38	2.10	1.82	1.54
313-1415F-20K	RV142F-40-20BL-A20K	D	Audio	20K	13.7	2.38	2.10	1.82	1.54
313-1415F-50K	RV142F-40-20BL-A50K	D	Audio	50K	13.7	2.38	2.10	1.82	1.54
313-1415F-100K	RV142F-40-20BL-A100K	D	Audio	100K	13.7	2.38	2.10	1.82	1.54
313-1420F-5K	RV142F-40-35BL-A5K	D	Audio	5K	28.5	2.38	2.10	1.82	1.54
313-1420F-10K	RV142F-40-35BL-A10K	D	Audio	10K	28.5	2.38	2.10	1.82	1.54
313-1420F-20K	RV142F-40-35BL-A20K	D	Audio	20K	28.5	2.38	2.10	1.82	1.54
313-1420F-50K	RV142F-40-35BL-A50K	D	Audio	50K	28.5	2.38	2.10	1.82	1.54
313-1420F-100K	RV142F-40-35BL-A100K	D	Audio	100K	28.5	2.38	2.10	1.82	1.54