



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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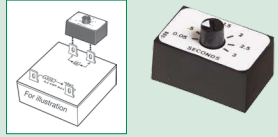
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







ELECTRICAL ACCESSORIES

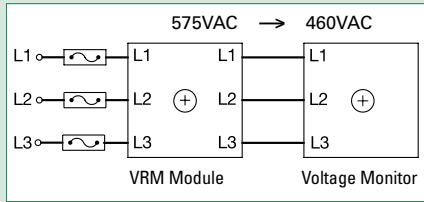
ELECTRICAL ACCESSORIES																																			
Product	Features	Accessory For																																	
<p>P1004-XX-(X) Versa-Pot</p>  <table border="1"> <thead> <tr> <th>PART NUMBER</th> <th>WITH WIRE LEADS</th> <th>VALUE</th> </tr> </thead> <tbody> <tr> <td>P1004-199</td> <td></td> <td>50kΩ</td> </tr> <tr> <td>P1004-174</td> <td></td> <td>100kΩ</td> </tr> <tr> <td>P1004-175</td> <td></td> <td>200kΩ</td> </tr> <tr> <td>P1004-95</td> <td>P1004-95-X</td> <td>100kΩ</td> </tr> <tr> <td>P1004-17</td> <td></td> <td>500kΩ</td> </tr> <tr> <td>P1004-16</td> <td>P1004-16-X</td> <td>1MΩ</td> </tr> <tr> <td>P1004-15</td> <td></td> <td>1.5MΩ</td> </tr> <tr> <td>P1004-14</td> <td></td> <td>2MΩ</td> </tr> <tr> <td>P1004-12</td> <td>P1004-12-X</td> <td>3MΩ</td> </tr> <tr> <td>P1004-13</td> <td></td> <td>5MΩ</td> </tr> </tbody> </table>	PART NUMBER	WITH WIRE LEADS	VALUE	P1004-199		50kΩ	P1004-174		100kΩ	P1004-175		200kΩ	P1004-95	P1004-95-X	100kΩ	P1004-17		500kΩ	P1004-16	P1004-16-X	1MΩ	P1004-15		1.5MΩ	P1004-14		2MΩ	P1004-12	P1004-12-X	3MΩ	P1004-13		5MΩ	<p>Panel mountable, industrial potentiometer recommended for remote time delay adjustment. The shaft is slotted for screwdriver adjustment and serrated for slip-proof finger adjustment. Accepts Versa-Knob or Lock Shaft. May be ordered with two 8 in. (20.3 cm) wires soldered to pot (clockwise increase) and female quick connect terminals on other ends by adding suffix -X to end of part number.</p> <p>Specifications</p> <p>Rating 0.25W at 55°C</p> <p>Taper Linear</p> <p>Shaft Rotation 300° ±5°</p> <p>Tolerance ±10%</p>	<p>P1004-95 & P1004-95-X: Consult individual datasheet for compatibility</p> <p>P1004-174 & P1004-175: PHS Series</p> <p>P1004-16 & P1004-16-X: Series: ERDM ERDI ERD3 TRB TRM TRS TS1 TS6</p> <p>P1004-15, P1004-14, P1004-13, P1004-12, & P1004-12-X: Series: ORB ORM ORS TAC1 THD7 TRB TRM TRS TS1 TS2 TS4 TS6 TSD7 TSU2000</p>
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<p>P0700-7 Versa-Knob</p> 	<p>Versa-Knob is designed for 0.25 in (6.35 mm) shaft of Versa-Pot. Semi-gloss industrial black finish.</p>	<p>P1004-XX-(X)</p>																																	
<p>P0700-8 Lock Shaft</p> 	<p>Fits 0.25 in. (6.35 mm) potentiometer shafts. Locks by tightening nut onto four tapered/slotted fingers. Pressure on the shaft locks control against mis-adjustment. Nickel plated brass finish.</p>	<p>P1004-XX-(X)</p>																																	
<p>P1004-9 P1004-10 P1004-31 Mini-Pot</p>  <table border="1"> <thead> <tr> <th>PART NUMBER</th> <th>VALUE</th> </tr> </thead> <tbody> <tr> <td>P1004-9</td> <td>500kΩ</td> </tr> <tr> <td>P1004-10</td> <td>1MΩ</td> </tr> <tr> <td>P1004-31</td> <td>3MΩ</td> </tr> </tbody> </table>	PART NUMBER	VALUE	P1004-9	500kΩ	P1004-10	1MΩ	P1004-31	3MΩ	<p>A high quality, industrial potentiometer for remote time delay adjustment. The shaft extends through the timer's center hole for easy panel mounting. Use mini-mount bracket for standup mounting of timer. Adjustment by screwdriver or mini-knob. May be ordered with two 3 in. (7.6 cm) wires soldered to pot (clockwise increase) and female quick connect terminals on other ends by adding suffix -X to end of part number.</p> <p>Specifications</p> <p>Rating 0.25W at 55°C</p> <p>Taper Linear</p> <p>Shaft Rotation 300° ±5°</p> <p>Tolerance ±10%</p>	<p>Series: TAC1 TS1 TS2 TS4 TS6 TS7 TSU2000</p>																									
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<p>P0700-21 Mini-Knob</p> 	<p>Versa-Knob is designed for 0.25 in (6.35 mm) shaft of Versa-Pot. Semi-gloss industrial black finish.</p>	<p>P1004-XX-(X)</p>																																	

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<p>P0200-19 Heat Sink Compound 2 grams</p> <p>P0200-20 Heat Sink Compound 100 grams</p>			<p>Single package/container of heat sink compound consisting of primarily zinc oxide and having a 12 month shelf life (EOD date on the label). P0200-19 mounts one high current, plated 2 x 2 in. (50.8 x 50.8 mm) timer or flasher. P0200-20 mounts 50+ units.</p>		<p>Any 2 x 2 in. (50.8 x 50.8 mm) plated timer or flasher.</p>																																																																												
	<p>P1015-18 Quick Connect Screw Adaptor</p> 		<p>Screw adaptor terminal designed for use with all modules with 0.25 in. (6.35 mm) male quick connect terminals. Screw terminal accepts ring or spade terminals.</p>		<p>Modules with 0.25 in. (6.35 mm) male quick connect terminals. Consult the individual datasheet to determine compatibility.</p>																																																																												
<p>P1015-13 P1015-64 P1015-14 Female Quick Connect Terminals</p> 		<p>These 0.25 in. (6.35 mm) female terminals are constructed with an insulator barrel to provide strain relief.</p>		<p>Consult individual datasheet to determine compatibility.</p>																																																																													
<p>P0400 Time Adjustment Dials</p> 		<table border="1"> <thead> <tr> <th>PART NUMBER</th> <th>RANGE</th> <th>INCREMENTS</th> </tr> </thead> <tbody> <tr> <td>P0400-12</td> <td>0.05 - 1s</td> <td>0.1s</td> </tr> <tr> <td>P0400-86</td> <td>0.1 - 10m</td> <td>1m</td> </tr> <tr> <td>P0400-82</td> <td>0.1 - 10s</td> <td>1s</td> </tr> <tr> <td>P0400-17</td> <td>1 - 30s</td> <td>5s</td> </tr> <tr> <td>P0400-83</td> <td>1 - 60s</td> <td>10s</td> </tr> <tr> <td>P0400-27</td> <td>0 - 10</td> <td>MRD*</td> </tr> </tbody> </table>	PART NUMBER	RANGE	INCREMENTS	P0400-12	0.05 - 1s	0.1s	P0400-86	0.1 - 10m	1m	P0400-82	0.1 - 10s	1s	P0400-17	1 - 30s	5s	P0400-83	1 - 60s	10s	P0400-27	0 - 10	MRD*	<p>Dials for use with remote Versa-Pot and panel mounted Mini-Pot. Reverse screen printed on clear plastic to avoid damage to printed image.</p>		<p>P1004-9 P1004-10 P1004-12 P1004-13 P1004-16 P1004-31 P1004-95</p>																																																							
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<p>VTPXX VTP</p> 		<p>The VTP Series mounts on modules with in-line adjustment terminals. Rated at 0.25W at 55°C. Available in resistance values from 5K Ω to 5MΩ</p>		<table border="1"> <thead> <tr> <th>PART NUMBER</th> <th>R_T VALUE</th> <th>RANGE</th> <th>PART NUMBER</th> <th>R_T VALUE</th> <th>RANGE</th> </tr> </thead> <tbody> <tr> <td>VTP0E</td> <td>250kΩ</td> <td>0.5 - 20s</td> <td>VTP3L</td> <td>2MΩ</td> <td>0.1 - 4m</td> </tr> <tr> <td>VTP1B</td> <td>0.5MΩ</td> <td>0.05 - 3s</td> <td>VTP4B</td> <td>3MΩ</td> <td>0.05 - 3s</td> </tr> <tr> <td>VTP1C</td> <td>0.5MΩ</td> <td>0.1 - 10s</td> <td>VTP4F</td> <td>3MΩ</td> <td>0.5 - 60s</td> </tr> <tr> <td>VTP1D</td> <td>0.5MΩ</td> <td>0.5 - 10s</td> <td>VTP4J</td> <td>3MΩ</td> <td>2 - 180s</td> </tr> <tr> <td>VTP2A</td> <td>1MΩ</td> <td>0.05 - 1s</td> <td>VTP4P</td> <td>3MΩ</td> <td>1 - 100m</td> </tr> <tr> <td>VTP2C</td> <td>1MΩ</td> <td>0.1 - 10s</td> <td>VTP5G</td> <td>5MΩ</td> <td>1 - 100s</td> </tr> <tr> <td>VTP2E</td> <td>1MΩ</td> <td>0.5 - 20s</td> <td>VTP5K</td> <td>5MΩ</td> <td>10 - 1000s</td> </tr> <tr> <td>VTP2F</td> <td>1MΩ</td> <td>0.5 - 60s</td> <td>VTP5N</td> <td>5MΩ</td> <td>0.1 - 10m</td> </tr> <tr> <td>VTP2J</td> <td>1MΩ</td> <td>2 - 180s</td> <td>VTP5P</td> <td>5MΩ</td> <td>1 - 100m</td> </tr> <tr> <td>VTP2P</td> <td>1MΩ</td> <td>1 - 100m</td> <td>VTPDF</td> <td>50KΩ</td> <td>0.5 - 60s</td> </tr> <tr> <td>VTP3B</td> <td>2MΩ</td> <td>0.05 - 3s</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						PART NUMBER	R _T VALUE	RANGE	PART NUMBER	R _T VALUE	RANGE	VTP0E	250kΩ	0.5 - 20s	VTP3L	2MΩ	0.1 - 4m	VTP1B	0.5MΩ	0.05 - 3s	VTP4B	3MΩ	0.05 - 3s	VTP1C	0.5MΩ	0.1 - 10s	VTP4F	3MΩ	0.5 - 60s	VTP1D	0.5MΩ	0.5 - 10s	VTP4J	3MΩ	2 - 180s	VTP2A	1MΩ	0.05 - 1s	VTP4P	3MΩ	1 - 100m	VTP2C	1MΩ	0.1 - 10s	VTP5G	5MΩ	1 - 100s	VTP2E	1MΩ	0.5 - 20s	VTP5K	5MΩ	10 - 1000s	VTP2F	1MΩ	0.5 - 60s	VTP5N	5MΩ	0.1 - 10m	VTP2J	1MΩ	2 - 180s	VTP5P	5MΩ	1 - 100m	VTP2P	1MΩ	1 - 100m	VTPDF	50KΩ	0.5 - 60s	VTP3B	2MΩ	0.05 - 3s			
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ELECTRICAL ACCESSORIES

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<p>LPSM003ZXID Indicating Fuse Holder</p> <p>LPSM003Z Non-indicating Fuse Holder</p> 	<p>Littelfuse POWR-SAFE Dead Front holders provide optimum protection to personnel for Class CC and Midget-Style fuses. 600 VAC/DC</p>	<p>Series:</p> <table border="0"> <tr> <td>DLMU</td> <td>HLMU</td> <td>PLM</td> </tr> <tr> <td>PLMU</td> <td>PLR</td> <td>PLS</td> </tr> <tr> <td>TVM</td> <td>TVW</td> <td>WVM</td> </tr> </table>	DLMU	HLMU	PLM	PLMU	PLR	PLS	TVM	TVW	WVM
DLMU	HLMU	PLM									
PLMU	PLR	PLS									
TVM	TVW	WVM									
<p>OKLK002.T Midget Fuse (2 Amp)</p> 	<p>10 x 38 fast acting, high-interrupting capacity, current-limiting type fuse. 600 VAC/500 VDC</p>	<p>FH3P LPSM003ZXID LPSM003Z</p>									
<p>VRM6048 Voltage Monitor Accessory Module</p> 	<p>The VRM6048 accessory module allows the voltage monitor to monitor a 3-phase 550 to 600VAC Line.</p> <p>Adjustment If the measured line voltage is 575VAC, connect as shown and adjust/select the voltage monitor for 460VAC operation.</p> <p>Package Molded housing with encapsulated circuitry</p> <p>Mounting Surface mount with one #10 (M5 x 0.8) plastic screw. May be DIN Rail mounted using P1023-20 Adaptor.</p> <p>Termination Screw terminals with captive wire clamps for up to No.12 AWG wire.</p> <p>Operating Storage -40° to 70°C Humidity -40° to 85°C</p> <p>Humidity 95% relative, non-condensing</p> <p>Voltage</p> <table border="0"> <tr> <td>Input</td> <td>Output*</td> </tr> <tr> <td>600VAC</td> <td>480VAC</td> </tr> <tr> <td>575VAC</td> <td>460VAC</td> </tr> <tr> <td>550VAC</td> <td>440VAC</td> </tr> </table> <p>*The VRM6048 must be connected as shown. If the voltage monitor is disconnected, the VRM output voltage equals the input voltage.</p>	Input	Output*	600VAC	480VAC	575VAC	460VAC	550VAC	440VAC	<p>Series: PLM PLR PLS TVM TVW</p> <p>(manufactured after December 2003)</p>	
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600VAC	480VAC										
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<p>V150LA10AP LA Varistor</p> 	<p>The V150LA10AP, a transient voltage surge suppressor, is a radial leaded varistors (MOVs) that is designed to be operated continuously across AC power lines. This UL recognized varistor requires very little mounting space.</p>	<p>Any of our products that operate below 150 VAC or 200 VDC.</p>									



PRODUCT	MAX. OPERATING VOLTAGE		MAX IMPULSE CURRENT 80.20 μ s CURRENT WAVE (A)	VARISTOR VOLTAGE AT 1MA DC TEST CURRENT		PEAK CLAMPING VOLTAGE WITH 80.20 μ s WAVE		CAPACITANCE	DISC DIAMETER SIZE (MM)
	AC (V)	DC (V)		MIN. (V)	MAX. (V)	V _c (V)	1 _{PK} (A)		
V150LA10AP	150	200	4500	216	264	395	50	800	14