

SCHOTTKY RECTIFIER DIODES, MODULE, DUAL

ISI Part Number	Maximum Average Rectified Current @ T _v		Peak Inverse Voltage	Peak Forward Surge Current @ 5.2ms Superimposed	Maximum Fwd Voltage @ Rated I _f & T _v =25°C	Maximum Reverse Current @ T _v =25°C		Typical Junction Capacitance at 1.0 MHz		Outline Inches/millimeters																																																																																								
	I _r (A)	T _v (°C)				I _{rrm} (Amps)	V _{rrm} (Volts)	I _r (mA)	V _r (V)		C (pF)	V _c (V)																																																																																						
CPT12035 CPT12040 CPT12045 CPT12050	120	140	35	1000	.80	3.0	35	2700	5.0	<p>Baseplate - Nickel Plated Copper</p>																																																																																								
140		40	40				40																																																																																											
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CPT20035 CPT20040 CPT20045 CPT20050	200	140	35	2000	.80	4.0	35	4600	5.0		<p>Baseplate - Nickel Plated Copper</p>																																																																																							
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CPT30035 CPT30040 CPT30045 CPT30050 CPT30060 CPT30080 CPT30090	300	136	35	2000	.76	4.0	35	4600	5.0			<table border="1"> <thead> <tr> <th colspan="5">DIMENSIONS</th> </tr> <tr> <th rowspan="2"></th> <th colspan="2">Inches</th> <th colspan="2">Millimeters</th> <th rowspan="2">Notes</th> </tr> <tr> <th>Min</th> <th>Max</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>0.700</td> <td>3.630</td> <td>17.78</td> <td>92.2</td> <td rowspan="4"></td> </tr> <tr> <td>B</td> <td>0.700</td> <td>0.800</td> <td>17.78</td> <td>20.32</td> </tr> <tr> <td>C</td> <td>0.120</td> <td>0.625</td> <td>3.05</td> <td>15.87</td> </tr> <tr> <td>E</td> <td>0.120</td> <td>0.130</td> <td>3.05</td> <td>3.30</td> </tr> <tr> <td>F</td> <td>0.490</td> <td>0.510</td> <td>12.45</td> <td>12.95</td> <td rowspan="2">Dia</td> </tr> <tr> <td>G</td> <td>0.010</td> <td>0.25</td> <td>0.25</td> <td></td> </tr> <tr> <td>H</td> <td>0.275</td> <td>0.290</td> <td>6.99</td> <td>7.37</td> <td rowspan="2">Dia</td> </tr> <tr> <td>N</td> <td>0.600</td> <td>15.24</td> <td></td> <td></td> </tr> <tr> <td>Q</td> <td>0.312</td> <td>0.340</td> <td>7.92</td> <td>8.64</td> <td rowspan="3">1/4-28</td> </tr> <tr> <td>R</td> <td>0.180</td> <td>0.195</td> <td>4.57</td> <td>4.95</td> </tr> <tr> <td>U</td> <td>1.375</td> <td>BSC</td> <td>34.92</td> <td>BSC</td> </tr> <tr> <td>V</td> <td>3.150</td> <td>BSC</td> <td>80.01</td> <td>BSC</td> <td></td> </tr> <tr> <td>W</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	DIMENSIONS						Inches		Millimeters		Notes	Min	Max	Min	Max	A	0.700	3.630	17.78	92.2		B	0.700	0.800	17.78	20.32	C	0.120	0.625	3.05	15.87	E	0.120	0.130	3.05	3.30	F	0.490	0.510	12.45	12.95	Dia	G	0.010	0.25	0.25		H	0.275	0.290	6.99	7.37	Dia	N	0.600	15.24			Q	0.312	0.340	7.92	8.64	1/4-28	R	0.180	0.195	4.57	4.95	U	1.375	BSC	34.92	BSC	V	3.150	BSC	80.01	BSC		W					
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