



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!



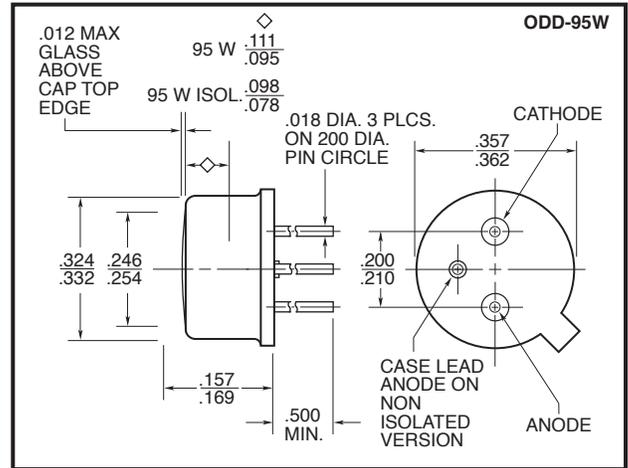
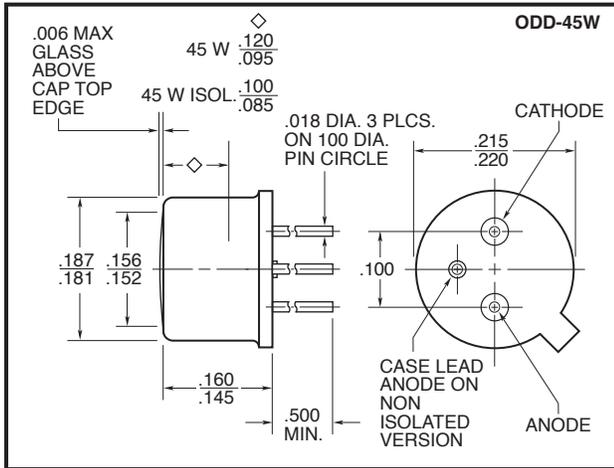
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ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

PARAMETERS		TEST CONDITIONS	MIN	TYP	MAX	UNITS
Active Area	45W			1		mm ²
	95W			5		mm ²
Peak Sensitivity		$V_R = 0V$		880		nm
Responsivity at 880nm			0.5	0.6		A/W
Responsivity at 750nm				0.01		A/W
Responsivity at 650nm				0.005		A/W
Spectral Bandwidth at 50%					60	
Dark Current	45W	$V_R = 5V$		0.4	2	nA
	95W	$V_R = 5V$		1	5	nA
Shunt Resistance	45W	$V_R = 10\text{ mV}$		3		Gohm
	95W	$V_R = 10\text{ mV}$		1		Gohm
Response Time	45W	$V_R = 5V, R_L = 50\Omega$		1		μsec
	95W	$V_R = 5V, R_L = 50\Omega$		1		μsec
Breakdown Voltage	45W	$I_R = 10\mu A$	20	30		V
	95W	$I_R = 10\mu A$	5	10		V
Capacitance	45W	$V_R = 0V$		170		pF
	45W	$V_R = 5V$		90		pF
	95W	$V_R = 0V$		700		pF
	95W	$V_R = 5V$		350		pF

ABSOLUTE MAXIMUM RATINGS AT 25°C

Storage and Operating Temperature Range	-55°C to 100°C
Maximum Junction Temperature	100°C
Lead Soldering Temperature (1/16" from case for 10 sec)	260°C

