



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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HTZ260G Series

$$I_{F(AV)} = 4.7 \text{ A}$$

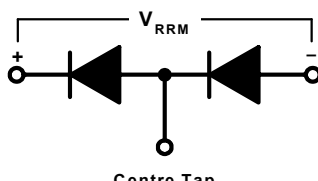
$$V_{RRM} = 22400 \text{ V}$$

High Voltage Diode Rectifier Module


LARONTROL
Electronic Devices

Type Number	Repetitive Peak	Minimum Avalanche Voltage $V_{(BR)R}$
HTZ260G22K	22400	23800
HTZ260G19K	19600	21000
HTZ260G16K	16800	18200
HTZ260G14K	14000	15400

CIRCUIT DIAGRAM



Centre Tap



CURRENT RATINGS - AIR COOLED

$I_{F(AV)}$	Mean forward current	Half wave resistive load $T_{amb} = 35^{\circ}\text{C}$	4.7	A
I_F	Continuous (direct) forward current	$T_{amb} = 35^{\circ}\text{C}$	5.8	A
$R_{th(j-a)}$	Thermal resistance junction to ambient		1.8	$^{\circ}\text{C/W}$

CURRENT RATINGS - OIL COOLED

$I_{F(AV)}$	Mean forward current	Half wave resistive load $T_{oil} = 60^{\circ}\text{C}$	6.0	A
I_T	Continuous (direct) forward current	$T_{oil} = 60^{\circ}\text{C}$	7.5	A
$R_{th(j-o)}$	Thermal resistance junction to oil		0.97	$^{\circ}\text{C/W}$

SURGE RATINGS

I^2t	I^2t for fusing	10 ms half sine $T_{vj} = 150^{\circ}\text{C}$	200	A^2sec
I_{FSM}	Surge (non-repetitive) forward current	$T_{vj} = 150^{\circ}\text{C}$	200	A

TEMPERATURE AND FREQUENCY RATINGS

T_{vj}	Virtual junction temperature	Forward (conducting)	180	$^{\circ}\text{C}$
		Reverse (blocking)	180	$^{\circ}\text{C}$
T_{stg}	Storage temperature range		-40 to 100	$^{\circ}\text{C}$
f	Frequency range		20 to 400	Hz

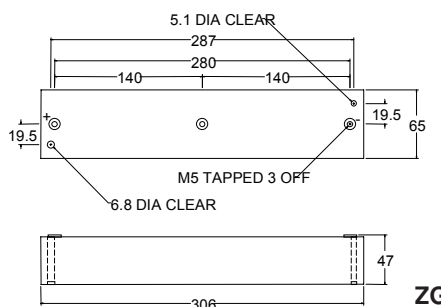
CHARACTERISTICS $T_{case} = 25^{\circ}\text{C}$ unless otherwise stated

V_{FM}	Forward voltage	At 12 Amps peak	max 16	V
I_{RM}	Peak reverse current	At V_{RRM} , $T_{case} = 150^{\circ}\text{C}$	max 0.5	mA

Dimensioned Outlines

Dimensions shown are maximum in mm

Weight typ.: 1,7 Kg



IXYS reserves the right to change limits, test conditions and dimensions.

ZG

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$$V_{RRM} = 22400 \text{ V}$$

High Voltage Diode Rectifier Module

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