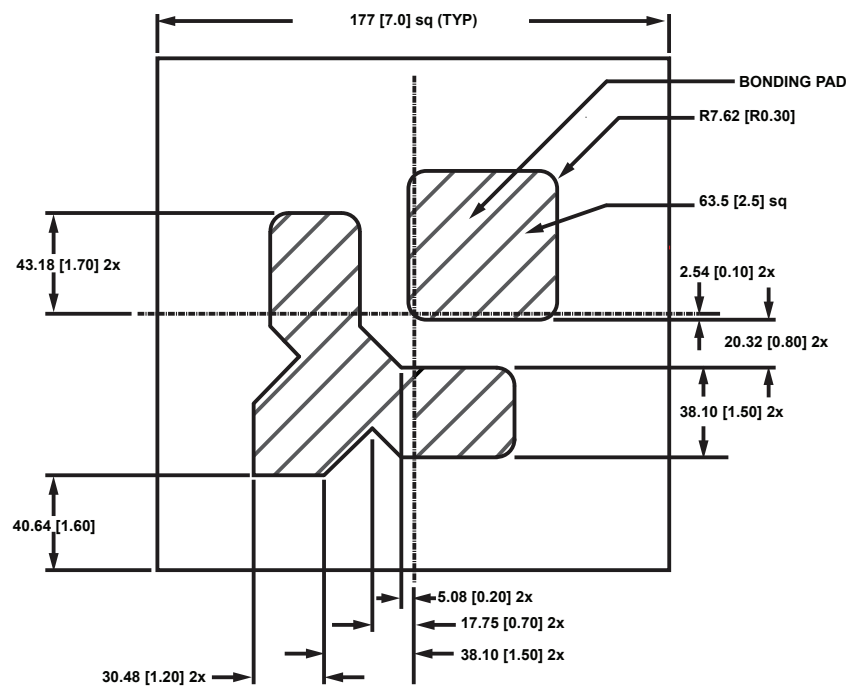


BIDIRECTIONAL TVS DIE
ELECTRICAL CHARACTERISTICS @ 25°C

PART NUMBER	MINIMUM BREAKDOWN VOLTAGE @ 1mA $V_{(BR)}$ VOLTS	STAND-OFF VOLTAGE V_{WM} VOLTS	MAXIMUM LEAKAGE CURRENT @3.5V I_D μA	TYPICAL CAPACITANCE @0V, 1MHz C pF	THICKNESS mils	BACKMETAL	TOPMETAL
PLED508	5.70	4.7	1.00	15	6	Ti/Ni/Ag	Al/Cu

PIN CONFIGURATION

MASK OUTLINE


COMPANY INFORMATION

COMPANY PROFILE

In business more than 25 years, ProTek Devices™ is a privately held semiconductor company. The company offers a product line of overvoltage protection and overcurrent protection components. These include transient voltage suppressor array (TVS arrays) avalanche breakdown diode, steering diode TVS array and electronics SMD chip fuses. These components deliver circuit protection in electronic systems from numerous overvoltage and overcurrent events. They include lightning; electrostatic discharge (ESD); nuclear electromagnetic pulses (NEMP); inductive switching; and electromagnetic interference (EMI) / radio frequency interference (RFI). ProTek Devices also offers LED wafer die for ESD protection and related high frequency products. ProTek Devices is ISO 9001:2015 certified.

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