

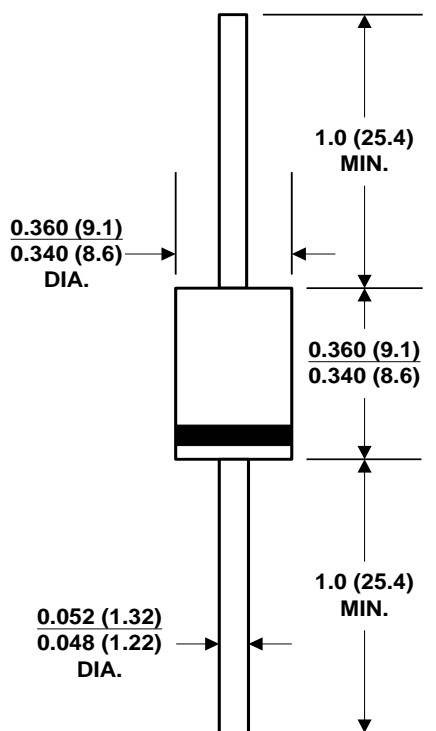
15KP Series Axial Lead

GLASS PASSIVATED JUNCTION TRANSIENT VOLTAGE SUPPRESSOR STAND-OFF VOLTAGE-17 TO 280 Volts

■ **15000 Watt Peak Pulse Power**

■ **Dimensions**

Case Style P600



Dimensions in inches and(millimeters)

■ **Features**

- ⊙ Plastic package
- ⊙ Glass passivated junction
- ⊙ 15000W peak pulse power capability on 10/1000us waveform
- ⊙ Excellent clamping capability
- ⊙ Repetition rate(duty cycle) : 0.05%
- ⊙ Low incremental surge resistance
- ⊙ Fast response time: typically less than 1.0ps from 0 Volts to BV, Bidirectional less than 10 ns
- ⊙ High temperature soldering guaranteed: 265°C/10 seconds/.375", (9.5mm) lead length,51bs.(2.3kg) tension
- ⊙ Pb-free plated

■ **Mechanical Data**

Case: Molded plastic over glass passivated junction
Terminal: Solderable per MIL-STD-750, Method 2026
Polarity: Color band denotes positive end (cathode) except Bipolar

Mounting Position: Any

Weight: 0.07 ounce, 2.5 grams

■ **Specification**

15KPA PART NUMBER		REVERSE STAND- OFF VOLTAGE	BREAKDOWN VOLTAGE MIN. @I _T	BREAKDOWN VOLTAGE MAX. @I _T	TEST CURREN T	PEAK PULSE CURRENT	MAXIMUN CLAMPING VOLTAGE @I _{PP}	REVERSE LEAKAGE @ V _{RWM}
UNI-POLAR	BI-POLAR	VRWM(V)	VBR min(V)	VBR max(V)	IT (mA)	Ipp (A)	VC (V)	IR(μA)
15KPA17	15KPA17C	17	18.99	22.98	50	467.5	32.3	5000
15KPA17A	15KPA17CA	17	18.99	20.79	50	515.4	29.3	5000
15KPA18	15KPA18C	18	20.11	24.34	50	441.5	34.2	5000
15KPA18A	15KPA18CA	18	20.11	22.01	50	488.7	30.9	5000
15KPA20	15KPA20C	20	22.34	27.04	20	398.4	37.9	1500
15KPA20A	15KPA20CA	20	22.34	24.46	20	440.2	34.3	1500
15KPA22	15KPA22C	22	24.57	29.74	10	367.4	41.1	500
15KPA22A	15KPA22CA	22	24.57	26.91	10	407.0	37.1	500
15KPA24	15KPA24C	24	26.81	32.45	5	335.6	45.0	150
15KPA24A	15KPA24CA	24	26.81	29.35	5	371.0	40.7	150
15KPA26	15KPA26C	26	29.04	35.15	5	310.1	48.7	50
15KPA26A	15KPA26CA	26	29.04	31.80	5	343.2	44.0	50

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UNI-POLAR	BI-POLAR	VRWM(V)	VBR min(V)	VBR max(V)	IT (mA)	Ipp (A)	VC (V)	IR(μA)
15KPA28	15KPA28C	28	31.28	37.86	5	288.2	52.4	25
15KPA28A	15KPA28CA	28	31.28	34.24	5	317.9	47.5	25
15KPA30	15KPA30C	30	33.51	40.56	5	268.7	56.2	15
15KPA30A	15KPA30CA	30	33.51	36.69	5	297.8	50.7	15
15KPA33	15KPA33C	33	36.9	44.6	5	249.6	60.5	10
15KPA33A	15KPA33CA	33	36.9	40.4	5	275.8	54.7	10
15KPA36	15KPA36C	36	40.2	48.7	5	228.4	66.1	10
15KPA36A	15KPA36CA	36	40.2	44.0	5	252.5	59.8	10
15KPA40	15KPA40C	40	44.7	54.1	5	207.4	72.8	10
15KPA40A	15KPA40CA	40	44.7	48.9	5	229.5	65.8	10
15KPA43	15KPA43C	43	48.0	58.1	5	196.4	76.9	10
15KPA43A	15KPA43CA	43	48.0	52.6	5	216.3	69.8	10
15KPA45	15KPA45C	45	50.3	60.8	5	187.3	80.6	10
15KPA45A	15KPA45CA	45	50.3	55.0	5	206.3	73.2	10
15KPA48	15KPA48C	48	53.6	64.9	5	176.2	85.7	10
15KPA48A	15KPA48CA	48	53.6	58.7	5	194.3	77.7	10
15KPA51	15KPA51C	51	57.0	69.0	5	165.0	91.5	10
15KPA51A	15KPA51CA	51	57.0	62.4	5	182.1	82.9	10
15KPA54	15KPA54C	54	60.3	73.0	5	156.0	96.8	10
15KPA54A	15KPA54CA	54	60.3	66.0	5	172.2	87.7	10
15KPA58	15KPA58C	58	64.8	78.4	5	144.9	104.2	10
15KPA58A	15KPA58CA	58	64.8	70.9	5	161.0	93.8	10
15KPA60	15KPA60C	60	67.0	81.1	5	141.0	107.1	10
15KPA60A	15KPA60CA	60	67.0	73.4	5	155.0	97.4	10
15KPA64	15KPA64C	64	71.5	86.5	5	130.8	115.4	10
15KPA64A	15KPA64CA	64	71.5	78.3	5	144.9	104.2	10
15KPA70	15KPA70C	70	78.2	94.6	5	119.7	126.1	10
15KPA70A	15KPA70CA	70	78.2	85.6	5	132.9	113.6	10
15KPA75	15KPA75C	75	83.8	101.4	5	111.8	135.1	10
15KPA75A	15KPA75CA	75	83.8	91.7	5	123.8	122.0	10
15KPA78	15KPA78C	78	87.1	105.5	5	107.7	140.2	10
15KPA78A	15KPA78CA	78	87.1	95.4	5	119.7	126.1	10
15KPA85	15KPA85C	85	94.9	114.9	5	99.7	151.5	10
15KPA85A	15KPA85CA	85	94.9	104.0	5	109.7	137.6	10
15KPA90	15KPA90C	90	100.5	121.7	5	94.6	159.6	10
15KPA90A	15KPA90CA	90	100.5	110.1	5	103.7	145.6	10

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UNI-POLAR	BI-POLAR	VRWM(V)	VBR min(V)	VBR max(V)	IT (mA)	Ipp (A)	VC (V)	IR(μA)
15KPA98	15KPA98C	98	109.5	132.5	5	91.5	165.0	10
15KPA98A	15KPA98CA	98	109.5	119.9	5	100.7	150.0	10
15KPA100	15KPA100C	100	111.7	135.2	5	84.5	178.6	10
15KPA100A	15KPA100CA	100	111.7	122.3	5	93.6	161.3	10
15KPA110	15KPA110C	110	122.9	148.7	5	77.5	194.8	10
15KPA110A	15KPA110CA	110	122.9	134.5	5	84.5	178.6	10
15KPA120	15KPA120C	120	134.0	162.2	5	70.5	214.3	10
15KPA120A	15KPA120CA	120	134.0	146.8	5	78.5	192.3	10
15KPA130	15KPA130C	130	145.2	175.8	5	65.4	230.8	10
15KPA130A	15KPA130CA	130	145.2	159.0	5	72.5	208.3	10
15KPA150	15KPA150C	150	167.6	202.8	5	56.4	267.9	10
15KPA150A	15KPA150CA	150	167.6	183.5	5	62.4	241.9	10
15KPA160	15KPA160C	160	178.7	216.3	5	52.3	288.5	10
15KPA160A	15KPA160CA	160	178.7	195.7	5	58.4	258.6	10
15KPA170	15KPA170C	170	189.9	229.8	5	49.3	306.1	10
15KPA170A	15KPA170CA	170	189.9	207.9	5	55.4	272.7	10
15KPA180	15KPA180C	180	201.1	243.4	5	47.3	319.1	10
15KPA180A	15KPA180CA	180	201.1	220.1	5	52.3	288.5	10
15KPA200	15KPA200C	200	223.4	270.4	5	42.3	357.1	10
15KPA200A	15KPA200CA	200	223.4	244.6	5	47.3	319.1	10
15KPA220	15KPA220C	220	245.7	297.4	5	38.3	394.7	10
15KPA220A	15KPA220CA	220	245.7	269.1	5	42.3	357.1	10
15KPA240	15KPA240C	240	268.1	324.5	5	35.2	428.6	10
15KPA240A	15KPA240CA	240	268.1	293.5	5	39.3	384.6	10
15KPA260	15KPA260C	260	290.4	351.5	5	32.2	468.8	10
15KPA260A	15KPA260CA	260	290.4	318.0	5	36.2	416.7	10
15KPA280	15KPA280C	280	312.8	378.6	5	30.2	500.0	10
15KPA280A	15KPA280CA	280	312.8	342.4	5	33.2	454.5	10

For bidirectional type having Vrwm of 30 volts and less, the IR limit is double.

For parts without A , the V_{BR} is ± 10%