

NOTES:

- APPROVED SOURCE(S) OF SUPPLY: A. SEMITRON INDUSTRIES LIMITED VENDOR PART NUMBER: PSKE550C
- COMPONENT UTILIZED FOR IEC 60064 COMPLIANCE. ONLY THE COMPONENTS SPECIFIED IN THIS DRAWING MAY BE USED IN APPLICATIONS CALLING FOR THIS PART NUMBER. A SUBSTITUTE COMPONENT MAY NOT BE USED WITHOUT PRIOR TESTING AND APPROVAL BY ENGINEERING.
- PARTS MUST BE TESTED USING A TEKTRONIX 177 OR EQUIVALENT CURVE TRACER AT 500 VAC PEAK AT 1000 V COLLECTOR TO EMITTER VOLTAGE RANGE, USING A 100 KOHMS LOAD AT 50 μ A / VERT. DIV. AND 200 V / HORZ. DIV. PARTS MUST NOT FAIL DURING THE TEST DURATION (2 SECONDS)
- AQL PER MIL-STD-1916, GENERAL INSPECTION LEVEL II (SEE NEXT SHEET)

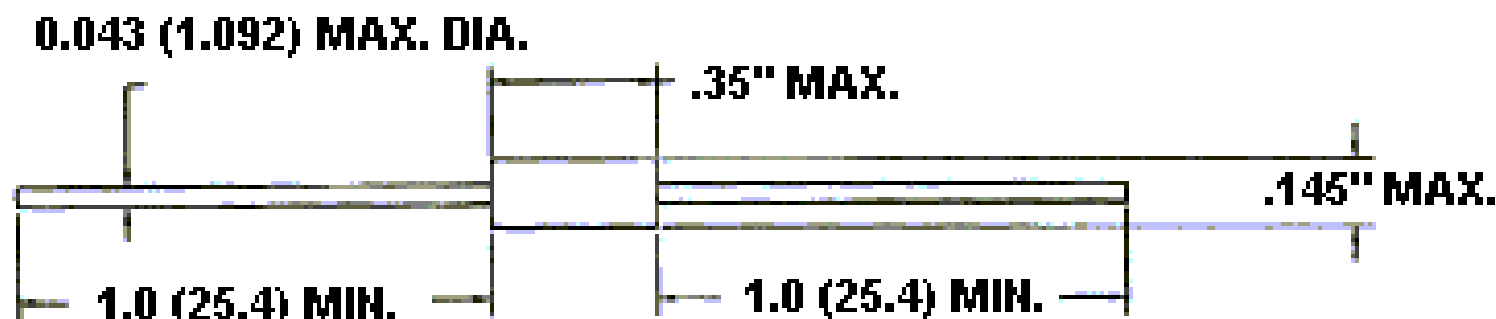
DWG NO. 23-66				REV	
REVISED				DATE	
REV	REVISIONS	DATE	REVISIONS	DATE	REVISIONS
A	ECO 13684				
B	ECO 04-0303				

ELECTRICAL SPECIFICATIONS:

PARAMETER

BREAKDOWN VOLTAGE ($T=25^{\circ}\text{C}$)
 BREAKDOWN VOLTAGE TOLERANCE
 PEAK PULSE POWER DISSIPATION (10/1000 μ s WAVEFORM)
 POWER DISSIPATION ON INFINITE HEATSINK
 STORAGE AND JUNCTION TEMPERATURE RANGE
 LEAD TEMPERATURE FOR SOLDERING ($T=10\mu$ s MAX)

SYMBOL	VALUE	UNIT
V_{BR}	550	V
	± 10	%
P_{PPM}	600 mW	W
P_W	5	W
T_{J}, T_{s}, T_c	-55 TO +175	$^{\circ}\text{C}$
T_l	230	$^{\circ}\text{C}$



REVISIONS		REVISIONS	
NO.	DESCRIPTION	NO.	DESCRIPTION
1	INITIALS	1	INITIALS
2	DATE	2	DATE
3	DATE	3	DATE
4	DATE	4	DATE
5	DATE	5	DATE
6	DATE	6	DATE
7	DATE	7	DATE
8	DATE	8	DATE
9	DATE	9	DATE
10	DATE	10	DATE

TVS, BI-DIRECTIONAL, 550V

PROGRAMMER NAME	SIZE	DRAWING NO.
23-66-1.dwg	A	23-66
SCALE	NONE	SHEET 1 OF 2