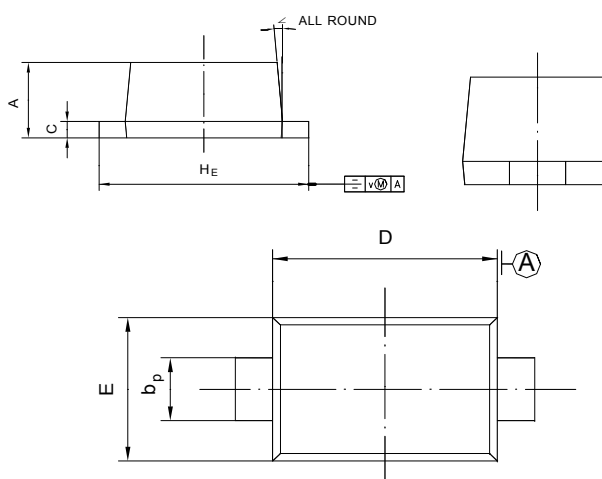


■ Features

- Fast Switching Speed
- High reliability



UNIT	A	b _p	C	D	E	H _E	V	∠
mm	0.70 0.50	0.40 0.20	0.14 0.05	1.30 1.10	0.90 0.75	1.70 1.50	0.1	5°

■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
Reverse voltage (Repetitive)	V _{RM}	90	V
Reverse voltage (DC)	V _R	80	
Average rectified forward current	I _O	100	mA
Forward voltage (Repetitive Peak)	I _{FM}	225	
Surge Current(t=1s)	I _{surge}	500	
Junction Temperature	T _J	125	°C
Storage Temperature range	T _{stg}	-55 to 125	

BAS16X

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse breakdown voltage	V _R	I _R = 100 μ A	90			V
Forward voltage	V _F	I _F = 100 mA			1.2	
Reverse voltage leakage current	I _R	V _R = 80 V			0.1	μ A
Junction capacitance	C _j	V _R = 0.5 V, f= 1 MHz			3	pF
Reverse recovery time	t _{rr}	V _R =6V, I _F =10mA, R _L =100 Ω			4	ns