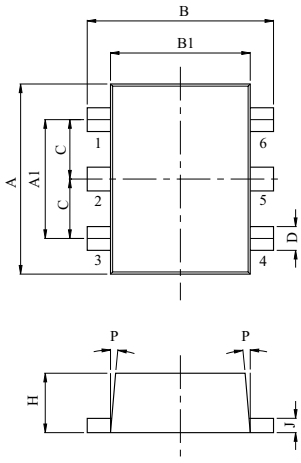
EMI Filtering TVS For USB Port

TENTATIVE

FEATURES

- EMI/RFI filtering.
- ESD Protection to IEC 61000-4-2 Level 4.
- Low insertion loss.
- Good attenuation of high frequency signals.
- Low clamping voltage.
- Low operating and leakage current.



DIM	MILLIMETERS
A	1.6±0.05
A1	1.0±0.05
B	1.6±0.05
B1	1.2±0.05
C	0.50
D	0.2±0.05
H	0.5±0.05
J	0.12±0.05
P	5°

1. D1
2. GND
3. D3
4. D4
5. D5
6. D6

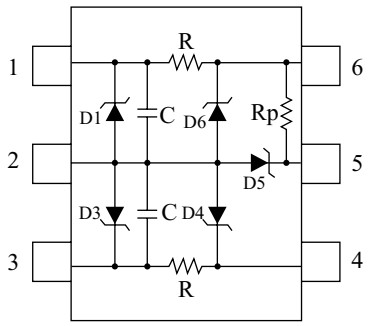
TES6

MAXIMUM RATING (Ta=25℃)

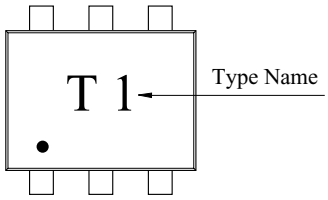
CHARACTERISTIC	SYMBOL	RATING	UNIT
Power Dissipation	*P_D	200	mW
Junction Temperature	T_j	150	℃
Storage Temperature	T_{stg}	-55～150	℃

* Total Package Power Dissipation

EQUIVALENT CIRCUIT



MARKING



ELECTRICAL CHARACTERISTICS (Ta=25℃)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Stand-Off Voltage	V_{RWM}	-	-	-	5	V
Reverse Breakdown Voltage	V_{BR}	I_t=1mA	6	-	-	V
Reverse Leakage Current	I_R	V_{RWM}=3.3V	-	-	0.5	㎂
Resistance	R	Between Input and Output	-	22	-	Ω
	Rp	Between Pin5 and Pin 6	-	1.5	-	KΩ
Capacitance	C	V_R=0V, Between I/O Pins and GND	-	47	-	pF