

# New Product Announcement

## Low Capacitance High Power TVS/ESD Protection - PJSD05ULTM Series

### FEATURES:

- Transient protection for high-speed data lines to IEC 61000-4-2 (ESD)  $\pm 15\text{kV}$  (air),  $\pm 8\text{kV}$  (contact)
- 5 V working voltage
- 4A peak pulse power ( $t_p = 8/20 \text{ us}$ )
- Ultra-Low capacitance ( $< 3\text{pF}$ ) for high-speed interfaces
- Protect power line
- Ultra-small 0402 packages

### APPLICATIONS:

- USB 2.0 data line protection
- Digital video interface (DVI)
- LCD/VCOM Bus
- 10/100/1000 Ethernet
- Cellular phones, NBs, and PDAs

### MAIN SPECIFICATIONS:

Part Number	Package	$V_{RWM}$	$V_{BR}@I_{T=1mA}$		$I_{PP}$	$I_R@V_{RWM}$	$C_j(\text{max})$	Watt
			Min.	Max.				
			V	V				
<b>NEW</b> PJSD05ULTM	SOD-923	5	5.8	10.2	4	1	0.65	100
<b>NEW</b> PJSD05U10LTM	SOD-923	5	5.8	10.2	4	1	1	100
<b>NEW</b> PJSD05U30LTM	SOD-923	5	5.8	10.2	4	1	3	100
PJSD05CTM	SOD-923	5	7.82	5.78	1	1	30	100
PJSD05LCTM	SOD-923	5	7.82	5.78	1	1	15	100

PanJit International Inc. has expanded its PJSD05ULTM series with low capacitance and high power TVS/ESD Protection in ultra small 0402 package.

The series of TVS arrays is designed to protect sensitive electronics from damage or latch-up due to ESD. It is designed to replace multilayer varistors (MLVs) in portable applications such as cell phones, notebook computers, and PDAs.

#### Notes

- Samples are available now.
- For complete datasheet and product information, please visit PAN JIT's website.
- For furthering ordering information, please contact us directly
- For more information on other products, please visit PAN JIT's website.