



Smart Meter Pulse Transformers

For

Maxim Integrated Remote Sensor Technology



Applications

Maxim Integrated

Metering ICs
Power Monitoring
ICs
Remote Sensor ICs

Features

Low Profile
Small Size
Surface Mount
Low DCR
Reflow capable
IR Temp 260C MAX
RoHS compliant
Pick and Place Mtn.

Technical Specs

Operating Temps
-40°C to +85°C

UL94V-0 materials

PALNOVA pulse transformers are used with Maxim 71M654X e-metering IC's and 71M6XXX remote sensor interface IC's,

PS1694

- Designed to meet EN50470-1, Class II, $\leq 300V$ reinforced insulation
- Materials selected to enhance performance in large DC magnetic fields
- 4 Pin SMD Low Profile package.
- 7000VDC hi-pot

PS1697

- Designed to meet Basic Insulation, UL60950-1
- Materials selected to enhance performance in large DC magnetic fields
- 4 pin SMD Low Profile package
- 7000VDC hi-pot

PALNOVA is a division of Palpilot Int'l Corp., a world-class supplier of PCB design and fabrication, and electro-mechanical components. The PALNOVA line of magnetics offers a complete range of transformers and inductors.



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