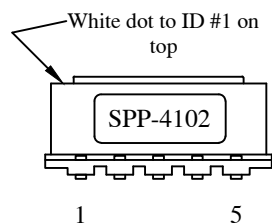
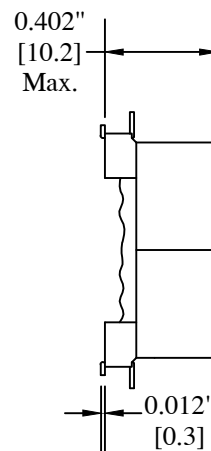
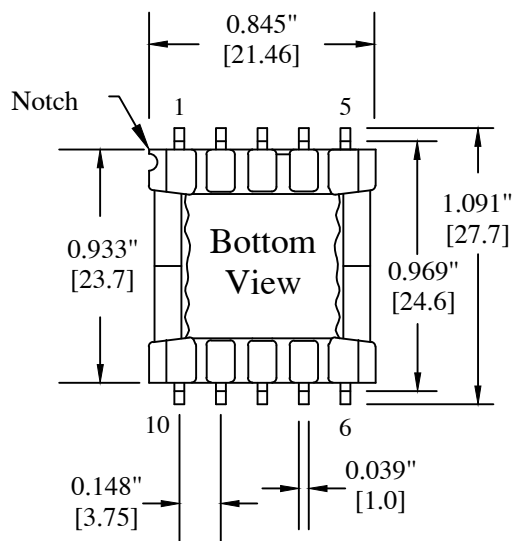


A-SPP-4102

Notes

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
mm = [ ]

- SWITCHMODE SURFACE MOUNT PCB MOUNTING COUPLED INDUCTOR DESIGNED FOR USE WITH POWER INTEGRATIONS DPA425R DC-DC CONVERTER IC.
- RoHS COMPLIANT.



Coupled Inductor, 23.735 microhenry @ 5 amps.  
Designed as the L6 Inductor for a Dc-Dc Forward Converter Power Integrations application, such as a Satellite Receiver.

Electrical Specifications:

DCR 1 - 3: 0.040 Ω Max.

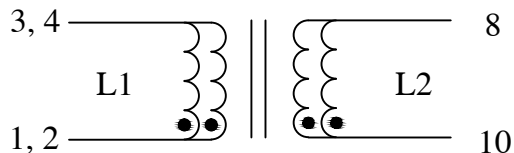
DCR 2 - 4: 0.040 Ω Max.

DCR 10 - 8: 0.030 Ω Max.

Primary Inductance (1,2 - 3,4): 23.735 μH ± 25%  
@100KHZ, 400mVrms

Leakage Inductance (1,2 - 3,4) with (8-10) shorted: 0.651 μH maximum @100KHZ, 400mVrms

Dielectric Strength 1500Vdc 1, 2 to 8, Core



**PREM**  
MAGNETICS INCORPORATED  
3521 N. CHAPEL HILL RD.  
JOHNSBURG, IL 60051

Mech/Elect Prem P/N  
SPP-4102  
Transformer

Approved: TJK  
Scale: None  
Date: 03/12/2009