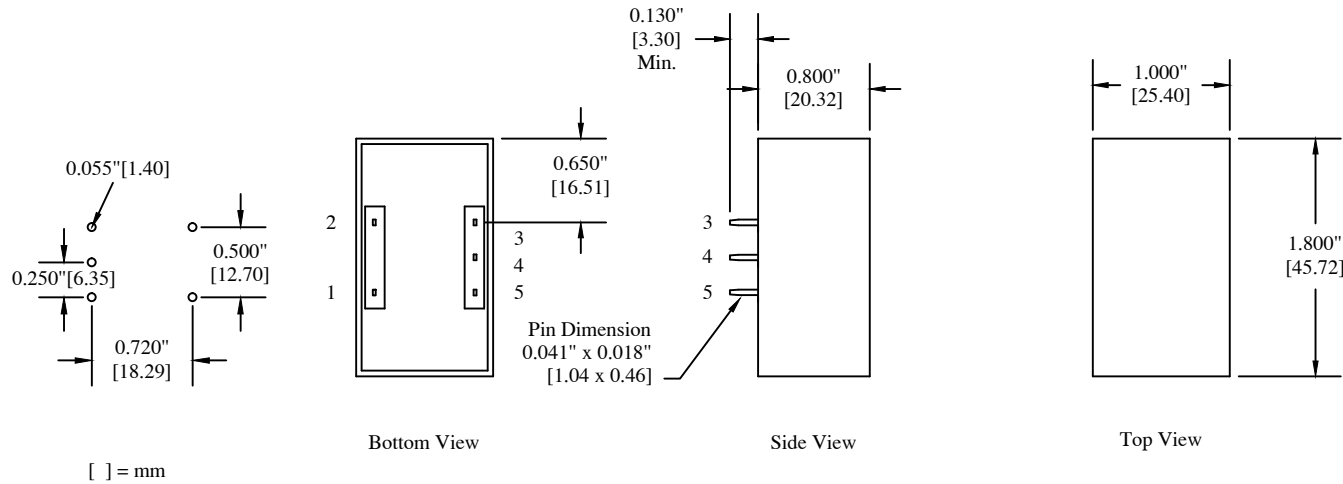


DRAWING  
SDL3007

Notes

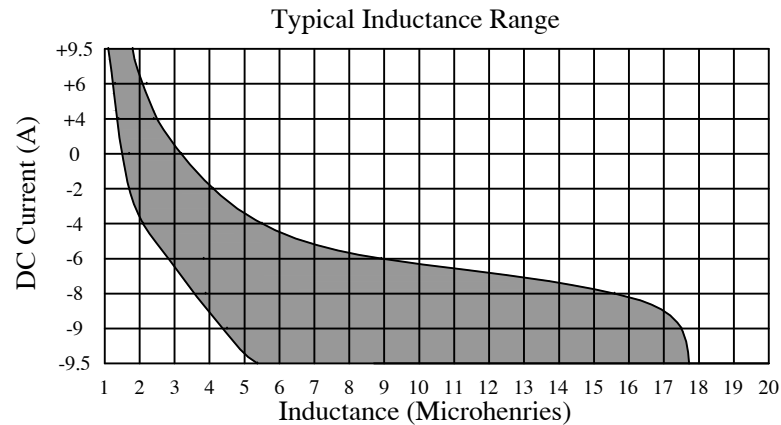
ALL DIMENSIONS ARE INCHES  
AND ARE FOR REFERENCE ONLY  
UNLESS OTHERWISE NOTED  
[ ] = mm

- CRT DISPLAY MAGNETICS.
- STANDARD LINEARITY COIL, < 9.5A PEAK.
- DYNAMIC LINEARITY COILS - BY APPLYING A D.C. BIAS CURRENT TO THE CONTROL WINDING, THE DESIRED INDUCTANCE CURVE CAN BE OBTAINED. THIS FEATURE ALLOWS LINEARITY CORRECTION TO BE DONE BY REMOTE CIRCUITRY.
- THESE LINEARITY COILS ARE SPECIFICALLY DESIGNED TO GIVE HIGH FREQUENCY MULTI-SCAN CRT MONITOR CIRCUITRY FULL ELECTRONIC CONTROL OVER DISPLAY LINEARITY.
- 500Vac DIELECTRIC STRENGTH.
- CUSTOM UNITS ARE ALSO AVAILABLE FOR YOUR SPECIFIC DISPLAY CIRCUIT REQUIREMENTS.

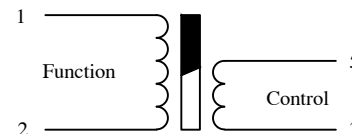


DC Resistance Function winding: 0.0165 Ohms  
DC Resistance Control winding: 5.16 Ohms  
 Apply a positive DC current to terminal #3 for bias adjustment (required DC current: 20 - 300 mA)

Coil weight: Approximately 0.11 pounds



Schematic



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

PREM Part  
 SDL-3007  
 MECHANICAL/  
 ELECTRICAL

Approved: TJK  
 Scale: None  
 Date: 04/13/2004