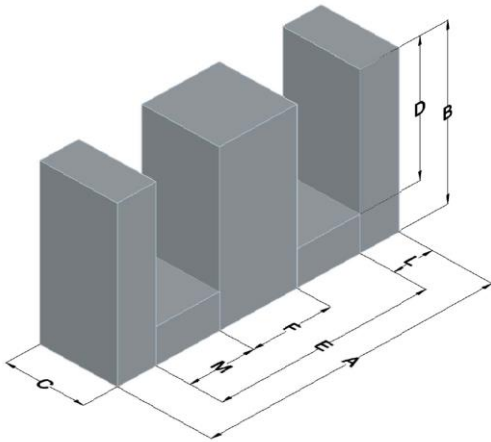




# 00G1808E060

110 Delta Drive  
 Pittsburgh, PA 15238  
 NAFTA Sales: (1)800-245-3984  
 HK Sales : (852)3102-9337  
 magnetics@spang.com  
 www.mag-inc.com



| Edge Permeability ( $\mu$ ) | $A_L$ (nH/T <sup>2</sup> ) | Core Marking |             |
|-----------------------------|----------------------------|--------------|-------------|
|                             |                            | Lot Number   | Part Number |
| 60                          | 48 ± 8%                    | XXXXXX       | G1808E060   |

|          | Dimensions |       | Tolerance (±) |       |     | Packaging              |
|----------|------------|-------|---------------|-------|-----|------------------------|
|          | (mm)       | (in)  | (mm)          | (in)  |     |                        |
| <b>A</b> | 19.30      | 0.760 | 0.30          | 0.012 |     | Est. Box Qty= 5700 Pcs |
| <b>B</b> | 8.10       | 0.319 | 0.18          | 0.007 |     |                        |
| <b>C</b> | 4.78       | 0.188 | 0.15          | 0.006 |     |                        |
| <b>D</b> | 5.54       | 0.218 | -             | -     | Min | Available Hardware     |
| <b>E</b> | 13.92      | 0.548 | -             | -     | Min | PCB1808B1              |
| <b>F</b> | 4.78       | 0.188 | 0.13          | 0.005 |     | 00B180801              |
| <b>L</b> | 2.39       | 0.094 | -             | -     | Nom |                        |
| <b>M</b> | 4.65       | 0.183 | -             | -     | Min |                        |

| Electrical Characteristics                           |                        |     | Physical Characteristics |                                      |  |                        |                                 |                             |
|--|------------------------|-----|--------------------------|--------------------------------------|--|------------------------|---------------------------------|-----------------------------|
| Watt Loss @ 100 kHz, 100mT max (mW/cm <sup>3</sup> ) | DC Bias min (oersteds) |     | Break Strength Min (kg)  | Window Area $W_a$ (mm <sup>2</sup> ) | Cross Section $A_e$ (mm <sup>2</sup> ) | Path Length $L_e$ (mm) | Volume $V_e$ (mm <sup>3</sup> ) | Est. Weight (Ea. Piece) (g) |
|  | 80%                    | 50% |                          |                                      |  |                        |                                 |                             |
| 525  | 115                    | 175 | 2.3                      | 51.5                                 | 22.8                                   | 40.1                   | 914                             | 3.66                        |

| Notes: | Temperature Rating |
|--------|--------------------|
|        | Curie Temp: 500 °C |

