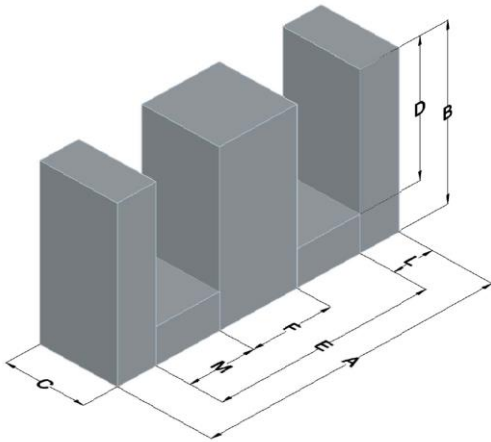




# 00G7228E040

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 |
| 40                          | 173 $\pm$ 8%               | XXXXXX       | G7228E040   |

|          | Dimensions |       | Tolerance ( $\pm$ ) |       |     | Packaging            |
|----------|------------|-------|---------------------|-------|-----|----------------------|
|          | (mm)       | (in)  | (mm)                | (in)  |     |                      |
| <b>A</b> | 72.39      | 2.849 | 1.09                | 0.043 |     | Est. Box Qty= 84 Pcs |
| <b>B</b> | 27.94      | 1.100 | 0.51                | 0.020 |     |                      |
| <b>C</b> | 19.05      | 0.750 | 0.38                | 0.015 |     |                      |
| <b>D</b> | 17.75      | 0.699 | -                   | -     | Min | Available Hardware   |
| <b>E</b> | 52.63      | 2.071 | -                   | -     | Min | 00B722801            |
| <b>F</b> | 19.05      | 0.750 | 0.38                | 0.015 |     |                      |
| <b>L</b> | 9.53       | 0.375 | -                   | -     | Nom |                      |
| <b>M</b> | 16.89      | 0.665 | -                   | -     | 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  | 165                    | 230 | 41                       | 600                                  | 368                                    | 137                    | 50,400                          | 195.2                       |

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

