

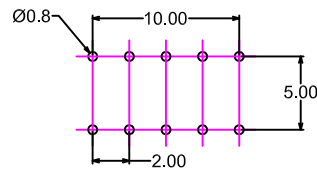
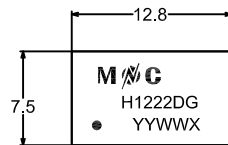
10/100 BASE-T SINGLE PORT THROUGH HOLE MAGNETICS

- Meets IEEE 802.3u Standards.
- RoHS Compliant.
- 10/100 Base-T, Through-Hole Type.
- Operating temperature range: 0°C to +70°C.

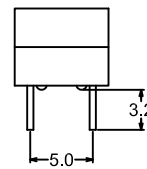
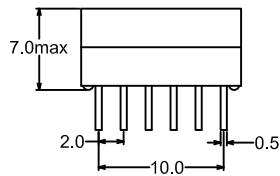


| Electrical Specifications @25°C | | | | | | | | | | | | | |
|---------------------------------|---|--|--|-------------------------|-------|-------|------------------------|-------|--------|------------------|-------|--------|----------------------------|
| Part Number | OCL(μ H Min) @100KHz,0.1V With 8mA DC Bias | Turns Ratio (\pm 5%) 60KHz 1V | Insertion Loss (dB Max) 0.1-100MHz | Return Loss (dB Min) | | | Cross talk (dB Min) | | | DCMR (dB Min) | | | HI-POT (Vrms) 1mA 6S |
| | | | | 30MHz | 60MHz | 80MHz | 30MHz | 60MHz | 100MHz | 30MHz | 60MHz | 100MHz | |
| H1222DG | 350 | 1CT:1CT | -1.15 | -20 | -14 | -12 | -45 | -40 | -35 | -42 | -37 | -33 | 1000 |

MECHANICAL



SUGGESTED PAD LAYOUT



Unless otherwise specified all tolerances are: \pm 0.25 in mm

SCHEMATICS

