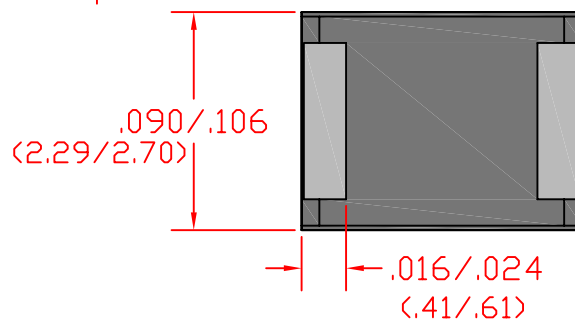
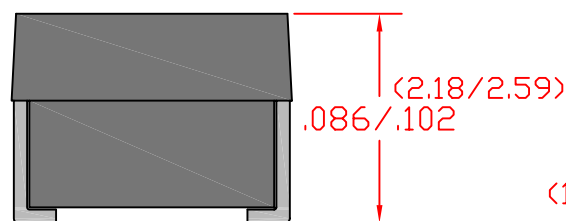
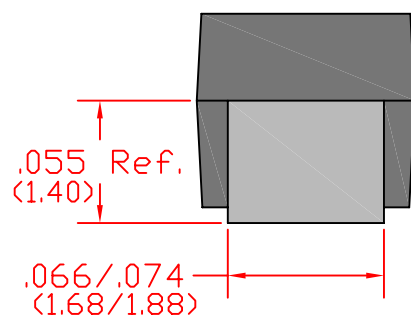
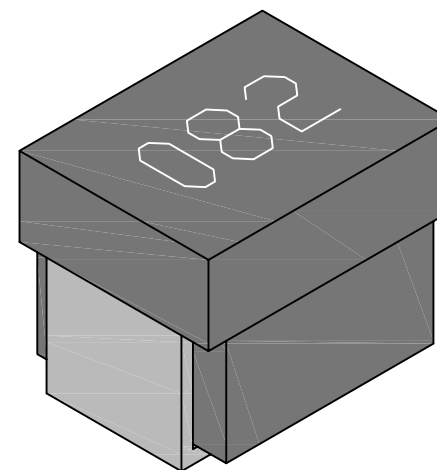
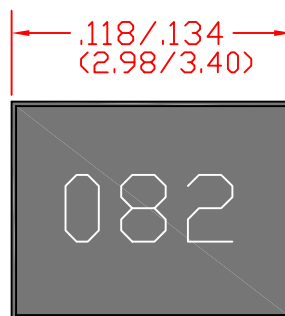
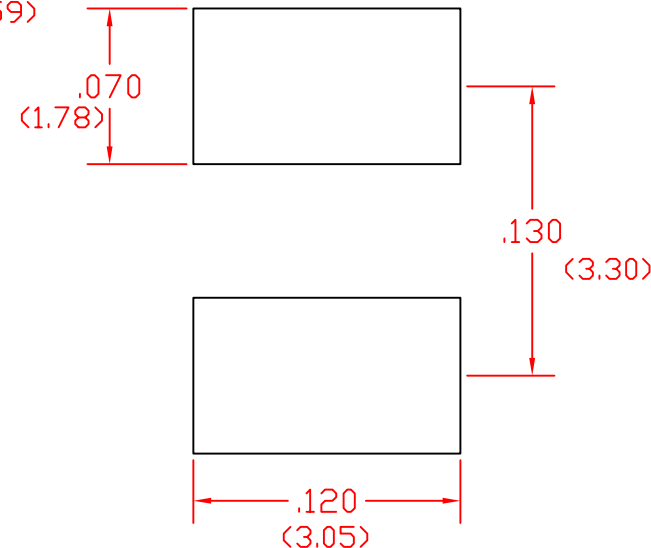


# Electrical Specs.

Ind.\* 82nH±5% @ 40MHz, 0.1V  
 Q\* 40 Min. @ 40MHz, 0.1V  
 SRF\*\*\* 1.0GHz Min  
 DCR 0.120Ω Min.  
 Current Rating\*\* 1.005Adc



## Recommended Foot Print



## Notes:

- \* Tested on HP 4194A meter
- \*\* Rated current is based on a 35°C temperature rise at an ambient temperature of 90°C.
- \*\*\* SRF approximate nominal values for design info. only.
- Operating temperature -55°C to +125°C
- RoHS Compliant

## Tape and Reel Specs:

Pcs./Reel maximum: 2000  
 Pitch between parts: 8 mm  
 Tape width: 8 mm  
 Reel diameter inches: 7

| NEXT ASSEM. | USED ON | LTR.         | REVISION | BY  | DATE |
|-------------|---------|--------------|----------|-----|------|
|             |         |              |          |     |      |
| Part #:     |         | SM3-082J-1LF |          |     |      |
| DRAWN BY    | KB      | APPROVED BY  | KB       | ENG | QA   |
|             |         |              |          |     | MFG  |

Unless otherwise specified dimensions are in inches.

in. (mm)

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