

**HL8527 SERIES**

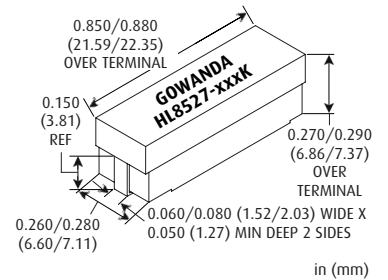
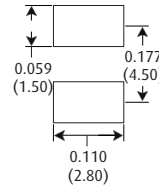


Molded High Inductance Choke



PART NUMBER	L $\mu$ H @ 79 kHz	Q MIN @ 79 kHz	SRF MHz MIN	DCR $\Omega$ MAX	CURRENT RATING mA DC
<b>NON-MAGNETIC COIL FORM</b>					
HL8527-165K	16000	55	0.280	96	67
HL8527-275K	27000	55	0.250	117	61
HL8527-305K	30000	55	0.220	125	59
HL8527-325K	32000	55	0.200	132	57
HL8527-555K	55000	55	0.170	175	50

RECOMMENDED FOOT PRINT

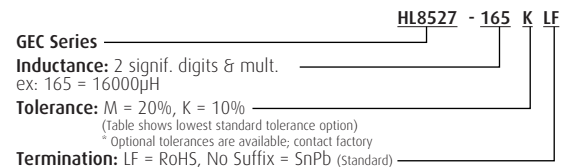


in (mm)

**NOTES**

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 35°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 2.70 grams
- **Marking:** GOWANDA; HL8527-XXXX (see diagram above)
- Epoxy-encapsulated for environmental protection and superior strength to withstand all types of reflow soldering
- Manufactured with heavy insulation to withstand high voltage
- Materials are fungus-inert to meet method 508 of MIL-STD-810H
- Custom designs are available to meet your specific requirements; please contact factory
- **Applications:** Specifically designed for lighting industry, but can be used in any RF application where high inductance is required.

**PART NUMBER DERIVATION**



**TAPE AND REEL SPECS**

Pieces/reel maximum:	4800
Pitch between parts:	16 mm
Tape width:	44 mm
Reel diameter:	13 in.