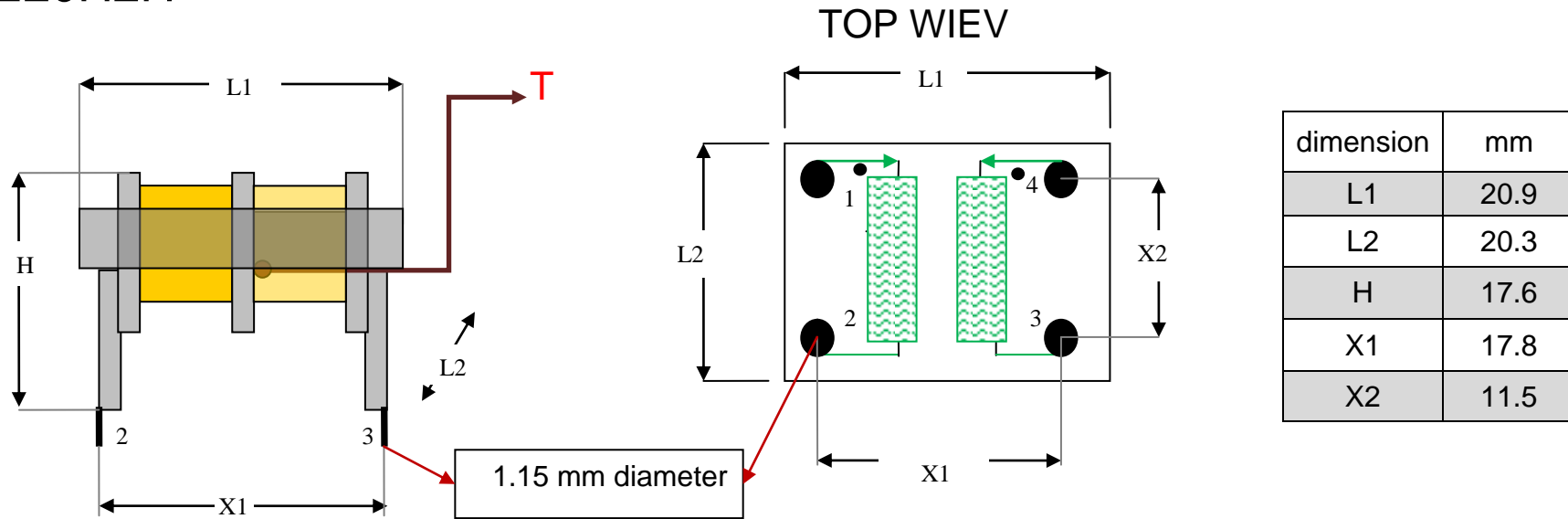


POWER LINE CHOKE

Current-compensated double chokes

Type: E20H2H



| CODE | INDUCTANCE +/- 20% | NOMINAL CURRENT | RESISTANCE | STRAY INDUCTANCE | TEMPERATURE CLASS | ΔT |
|-----------|--------------------|-----------------|---------------|------------------|-------------------|------------|
| E20H2H020 | 210mH | 0.30A | 6.1 Ω | 729uH | F – 150°C | 40°C |
| E20H2H025 | 110mH | 0.50A | 2.8 Ω | 375uH | F – 150°C | 47°C |
| E20H2H028 | 80mH | 0.60A | 2 Ω | 268uH | F – 150°C | 50°C |
| E20H2H030 | 55mH | 0.75A | 1.45 Ω | 190uH | F – 150°C | 53°C |
| E20H2H035 | 29mH | 0.95A | 770m Ω | 98.7uH | F – 150°C | 48°C |
| E20H2H040 | 13mH | 1.5A | 390m Ω | 44.6uH | F – 150°C | 52°C |
| E20H2H045 | 11mH | 1.75A | 289m Ω | 37.5uH | F – 150°C | 53°C |
| E20H2H050 | 8mH | 2A | 209m Ω | 28.9uH | F – 150°C | 49°C |

| CODE | INDUCTANCE +/- 20% | NOMINAL CURRENT | RESISTANCE | STRAY INDUCTANCE | TEMPERATURE CLASS | ΔT |
|-----------|--------------------|-----------------|----------------|------------------|-------------------|------------|
| E20H2H056 | 4mH | 3A | 119m Ω | 15uH | F – 150°C | 53°C |
| E20H2H063 | 2mH | 4A | 68m Ω | 8.2uH | F – 150°C | 50°C |
| E20H2H071 | 1.5mH | 5.5A | 42m Ω | 5.9uH | F – 150°C | 48°C |
| E20H2H080 | 750 μ H | 9A | 22.5m Ω | 2.7uH | F – 150°C | 50°C |

| MEASURE | Measure signal / Test Conditions |
|--------------------|--|
| INDUCTANCE Value | 100mV, 10KHz between pins 1,2 and 3,4 |
| LEAKAGE INDUCTANCE | 100mV, 10KHz, between 1,2 with 3,4 IN C.C. |
| STRAY INDUCTANCE | 100mV, 10KHz, between 1,2 with 3,4 IN C.C. (without core) |
| DC RESISTANCE | measure at 20 °C |
| TEST VOLTAGE | 2,2 KV AC between 1,2 Vs 4,3 (Tested for 2 seconds , to 100% of production) |
| ΔT | Growth of temperature to nominal current. "T" is point of temperature's measuring in the middle of the choke. |

| Material List | Material Composition | Country of origin | Ross compatible |
|---------------|--|-------------------|-----------------|
| Spool | Rynite FR530L (minimum thickness 1mm) | ITALY | YES |
| Wire | Invex : CL.F,G2/ | ITALY | YES |
| Wire | SH ELEKTRODRAHT : SH SOLD V180 G2 | GERMAN | YES |
| Solder | SACX0307 ALPHA | Unaided Kingdom | YES |
| CORE | 3C11 FERROXCUBE | POLAND | YES |