**Flyback Transformer**

**For STMicroelectronics STEVAL-ILL055V1**

- **Core material**: Ferrite
- **Terminations**: RoHS tin-silver over tin over nickel over phos bronze.
- **Weight**: 6.2 g
- **Ambient temperature**: –40°C to +85°C
- **Maximum part temperature**: +125°C (ambient + temp rise)
- **Storage temperature**: Component: –40°C to +125°C. Tape and reel packaging: –40°C to +80°C
- **Resistance to soldering heat**: Max three 40 second refows at +260°C, parts cooled to room temperature between cycles
- **Moisture Sensitivity Level (MSL)**: 1 (unlimited floor life at <30°C / 85% relative humidity)
- **Failures in Time (FIT) / Mean Time Between Failures (MTBF)**: 38 per billion hours / 26,315,789 hours, calculated per Telcordia SR-332
- **Packaging**:
  1. When ordering, please specify packaging code:
     - **PA6284-AL_**
       - **Power (W)**: 11
       - **Inductance (mH)**: 1.40
     - **DCR max (Ohms)**: 3.03
     - **Leakage max (µH)**: 25
     - **Turns ratio**:
       - pri : sec: 0.136
       - pri : aux: 0.144
     - **Output**: 12 – 18 V, 0.64 A
  2. Inductance measured at 100 kHz, 1.0 Vrms, 0 Adc.
  3. DCR for the secondary is with windings connected in parallel.
  4. Leakage inductance is for the primary and is measured with the secondary shorted.
  5. Output is of the secondary winding. Aux winding output is 20 V, 10 mA.
  6. Electrical specifications at 25°C.
- **Refer to Doc 362 "Soldering Surface Mount Components" before soldering.

---

**Coilcraft**

[Website]

**Dimensions are in**

- **inches**
- **mm**

---

© Coilcraft Inc. 2015
This product may not be used in medical or high-risk applications without prior Coilcraft approval.
Specification subject to change without notice.
Please check web site for latest information.