

**Qualification Results Summary TMF201610ALVA2R2MTAA Inductor and G311E Mold Compound**  
**LTM8080/LTM8074**

Test	Specification	Conditions	Sample Size (lots x samples)	Results
Temperature Cycle (TC)*	JEDEC JESD22-A104	1000cyc, -55°C/+125°C	3 x 77	Pass
Unbiased Highly Accelerated Stress Test (UHAST)*	JEDEC JESD22-A118	264h, 110°C/85%RH	3 x 77	Pass
High Temperature Storage (HTSL)	JEDEC JESD22-A103	1000h, 150°C	2 x 50	Pass
High Temperature Operating Life (HTOL)	JEDEC JESD22-A108	1000h, 125°C	3 x 77	Pass
Power Cycle	JEDEC JESD22-A122	50000cyc, Tj = 55°C to 125°C	3 x 8	Pass
Solder Heat Resistance (SHR)	J-STD-020	MSL-3	1 x 100	Pass

\* Tests were preceded by MSL 3 Preconditioning