



**Reliability Data Summary:**

Qual Vehicle SD05T1G

PACKAGE: SOD-323

Test	Specification	Condition	Interval	Results
HTSL	JESD22-A103 AEC-Q101	Ta= 150C	2016 hrs	0/240
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	Before TC, AC, H3TRB, IOL	0/960
AC	JESD22-A102 AEC-Q101	121°C, 100% RH, ~15psig, unbiased	192 hrs	0/240
TC	JESD22-A104 AEC-Q101	Ta= - 65°C to +150°C	2000 cyc	0/240
H3TRB	JESD22-A101 AEC-Q101	Temp = +85°C; RH = 85%, 80% V bias	2016 hrs	0/240
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30000 cyc	0/240
RSH	JESD22- B106	Ta = 265C, 10 sec		0/90

**Electrical Characteristic Summary:**

There is no change in electrical characteristics. Product performance meets data sheet specifications, Data is available upon request

**List of affected Standard Parts:**

Part Number	Qualification Vehicle
SD05T1G	SD05T1G for SD05T1G
SD05T3G	SD05T1G for SD05T3G