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Reliability Report – DIG-Series

Iso-Gate Mosfet Driver

Plastic Dual-In-Line Package

DIG-11-08-050

DIG-11-8-30-DD

DIG-12-06-250

DIG-11-06-150

DIG-12-06-025

DIG-12-08-010

DIG-11-08-050

DIG-12-06-100

DIG-12-08-045

TEST	CONDITION	LTPD	RESULT
Temperature Cycling	-20°C to 100°C 10 Cycles	15	No Failure
Acceleration	Mil 883 Method 2001 Cond A 5kg/Y1	15	No Failure
Mechanical Shock	Mil 883 Method 2002 500g for 1mSec	15	No Failure
Vibration	Mil 883 Method 2007 Cond A 20g @ 20 to 2000Hz	15	No Failure
Moisture Resistance	Mil 883 Method 1004 Cond A 240hr -10°C to 65°C	15	No Failure
Pressure Pot	121°C / 15psi Steam / 24hr	15	No Failure
Temperature / Humidity	85°C / 85% RH 120hr	15	No Failure
High Temperature Storage	100°C 168hr	15	No Failure
Lead Fatigue	Mil 883 Method 2004 Cond B2 8 oz	15	No Failure
Solderability	Mil 883 Method 2003 250°C	15	No Failure
High Temperature Burn-In	85°C 1000hr / IF = 20mA	--	Failure Rate = 0.18% per 1000hr

Review Date: 07/01/2001