Qualification Test Report

Date: Oct 29, 2024

Title: Qualification of Mold Compound KE-G6000DA-CY in Leaded Packages at CVT

Reason for choosing the following test vehicles:	**Package BOM**
Scope of qualifications:	**TSOP**
Assessment of Q-Results:	**Pass**
QTP # :	**202337007**

Stress Test	Abbreviation	Test Condition	Readout	A2C02770900 TV 1	A2C02770900 TV 2	A2C02770900 TV 3
				fails / stressed	**fails / stressed**	**fails / stressed**
PRE CONDITIONING JESD22 -A113	PC	24HRS_125°C 260°C -0 / +5°C MSL3_30°C / 60%RH for 192 hrs	COMP	0/245	0/240	0/239
TEMP CYCLE JESD22-A104, JESD47	TCT	C -65°C to 150°C	500 cycles	0/85	0/80	0/79
BIASED HAST JESD22-A110	HAST	130°C/ 85%RH	96 hrs	0/80	0/80	0/80
UNBIASED HAST JESD22-A118	UHAST	130°C/ 85%RH	96 hrs	0/80	0/80	0/80
HIGH TEMP STORAGE LIFE JESD22-A103 & A113	HTSL	150°C	1000 hrs	0/80	-	-
WIRE BOND PULL JESD22-B120	BPS	Per JEDEC	30 bonds from 5 devices	0/30	0/30	0/30
BOND SHEAR JESD22-B116	BS	Per JEDEC	30 bonds from 5 devices	0/30	0/30	0/30
HIGH TEMPERATURE OPERATING LIFE JESD22-A108	HTOL	150°C	1000 hrs	0/80	0/80	0/80

Document History Page

Document Title: Qualification of Mold Compound KE-G6000DA-CY in Leaded Packages at CVT
Document Number: 002-40177

Rev.	ECN No.	Orig. of Change	Description of Change
**	8046039	BAKC	Initial Release.
*A	8085555	BAKC	Modify Report Title.
*B	8091110	BAKC	Update Full Mold Compound Naming.