

## Qualification Data:

Summary of qualification data is shown as below.

Environment Test	Test Condition	Unit Tested	Result
Temperature Cycling (TMCL)	40/100'C, 15/5/15MINS	312	Pass
Wet High Temperature Storage Life (WHTSL)	85'C/85%RH	112	Pass
Wet High Temperature Operating Life (WHTOL)	85'C/85%RH, 12.5mA	112	Pass
High Temperature Operating Life (HTOL)	55'C, 27.5mA	112	Pass
Low Temperature Operating Life (LTOL)	-40'C, 30mA	112	Pass
Mechanical Termination Strength	1kg load for 30sec. 5N. load on lead with +/-90' bend	60	Pass
Solder Resistances	250'C for 10 sec	20	Pass
Solderability	100'C / 100%RH (8hrs), solder dip (245'C+/-5'C; 5sec)	20	Pass

## Summary:

All the qualification vehicles submitted to reliability tests passed Avago's reliability tests requirements.