

MODULE GROUP C TESTING For Module H3

TEST	CONDITION	MIL-STD-750 TEST METHOD	SAMPLE PLAN (Units)	SMALL LOT (Units)
<u>SUBGROUP 1</u>			15 c=0	6 c=0
Physical Dimensions		2066		
<u>SUBGROUP 2</u>			22 c=0	6 c=0
Terminal Strength (tension)	Test Condition A, W = 10lbs., t = 15 seconds	2036		
Moisture Resistance	Omit initial conditioning	1021		
Electrical	Reverse Current (I_R) @ rated V_{WM} Breakdown Voltage ($V_{(BR)}$) @ I_T	4016 4022		
<u>SUBGROUP 3</u>			22 c=0	6 c=0
Shock	1500Gs, 0.5ms, 5 blows in each orientation X1, Y1, Z1	2016		
Vibration		2056		
Electrical	Reverse Current (I_R) @ rated V_{WM} Breakdown Voltage ($V_{(BR)}$) @ I_T	4016 4022		
<u>SUBGROUP 4</u>			15 c=0	6 c=0
Salt Atmosphere		1041		
<u>SUBGROUP 5</u>			22 c=0	12 c=0
Operating Life	@ rated V_{WM} , $T_A = +125^\circ\text{C}$ for 1,000 hours	1026		
Electrical	Reverse Current (I_R) @ rated V_{WM} , $D-I_R = 50\%$ or $1\mu\text{A}$, whichever is greater Breakdown Voltage ($V_{(BR)}$) @ I_T , $D-V_{(BR)} \pm 5\%$ from initial reading	4016 4022		

Note: For bidirectional devices, test both polarities – split hours on Burn-in test and surge pulse to 50% each polarity.