

MIL Equivalent Screening & Qualification

SCREEN / TEST	STANDARD		Class B1, B2, or B3 Optional At Additional Cost							
	DAICO Class B4 (Note 1)		DAICO Class B3 (Note 2)		DAICO Class B2 (Note 3)		DAICO Class B1 (Note 4)		MIL-STD-883C Class B (Note 9)	
	Method	Rqmt	Method	Rqmt	Method	Rqmt	Method	Rqmt	Method	Rqmt
Internal Visual (Pre-Cap)	2017.6	100%	2017.6	100%	2017.6	100%	2017.6	100%	2017.6	100%
Stabilization Bake Para. 3.4.4. of 5008 *	N/A		1008.2 24 Hrs. Min Cond. C @ 150° C	100%	1008.2 24 Hrs. Min Cond. C @ 150° C	100%	1008.2 24 Hrs. Min Cond. C @ 150° C	100%	1008.2 24 Hrs. Min Cond C @ 150° C	100%
Temperature Cycling	Not Required		1010 Cond. C -65° C to +150° C 10 Cycles Min	100%	1010 Cond. C -65° C to +150° C 10 Cycles Min	100%	1010 Cond. C -65° C to +150° C 10 Cycles Min	100%	1010 Cond. C -65° C to +150° C 10 Cycles Min	100%
Constant Acceleration or Mechanical Shock	Not Required		2001 Cond. A (5000g's) Y1 Plane Only	100%	2001 Cond. A (5000g's) Y1 Plane Only	100%	2001 Cond. A (5000g's) Y1 Plane Only	100%	2001 Cond. A Y1 Plane only 2002 Cond. B	100%
Interim Electrical Parameters	Go/No Go (Optional)	100%	Per Spec Rqmt Optional	100%	Per Spec Rqmt Optional	100%	Per Spec Rqmt Optional	100%	Optional	100%
Burn-in-Test	Not Required		N/A		1015 160 Hrs. @ 125° C Min.	100%	1015 160 Hrs. @ 125° C Min.	100%	1015 160 Hrs. @ 125° C Min.	100%
Final Electrical Test @ 25°	Attributes Go/No Go Note 8	1.5% AQL	Variable 5008, Spec Rqmt Note 8	100%	Variable 5008, Spec Rqmt Note 8	100%	Variable 5008, Spec Rqmt Note 8	100%	5008, Spec Rqmt	100%
Max/Min Rated Temps	Not Required		Not Required		Not Required		5008, Spec Rqmt		5008, Spec Rqmt	
Switching Speed @ Max/Min Temp	Not Required		Not Required		Not Required		Not Required		Not Required	
Switching Speed @ 25° C	Not Required		5008, Spec Rqmt	AQL (6)	5008, Spec Rqmt	AQL (6)	5008, Spec Rqmt	100%	5008, Spec Rqmt	100%
Functional Test @ 25° C	Not Required		5008, Spec Rqmt	100%	5008, Spec Rqmt	100%	5008, Spec Rqmt	100%	5008, Spec Rqmt	100%
Seal: Fine	1014 Cond. A	1.5% AQL	1014 Cond. A	100%	1014 Cond. A	100%	1014 Cond. A	100%	1014 Cond. A or B	100%
Seal: Gross	1014 Cond. C	1.5% AQL	1014 Cond. C	100%	1014 Cond. C	100%	1014 Cond. C	100%	1014 Cond. C	100%
Quality Conformance Inspection	N/A		N/A		N/A		Note (5)		50008 (Para 3.5)	
External Visual	450A0097	100%	450A0097	100%	450A0097	100%	450A0097	100%	450A0097	100%

Notes:

1. DAICO Class B4 Screening provided, unless otherwise specified.
 2. DAICO Class B3 Screening is identical to Class B1 except Burn-In and Temperature Testing have been deleted.
 3. DAICO Class B2 is identical to Class B1, including Burn-In, except testing at temperature extremes has been deleted.
 4. DAICO Class B1 is similar to MIL-STD-883C 5008.5 Table VIII only.
 5. Quality Conformance Testing will be performed when required, specified, and paid for by the customer.
 6. AQL Levels to be specified by the customer.
 7. PIND, Internal Water Vapor, Radiographic Analysis is available upon special request.
 8. Variables data on devices is available at an extra cost for B1, B2, B3 devices. Attribute data is only available for B4 devices
 9. MIL-STD-883 Class B Screening is shown for comparison purposes only.
- * Only performed when requested by customer.