

NO: SAMM 360

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LABORATORY LOCATION/ CENTRAL OFFICE:	Boston Semi Equipment Malaysia Sdn. Bhd. 1-3-11, Puncak Southbay Cangkat Batu Maung 11960 Bayan Lepas Pulau Pinang , 11960, PULAU PINANG MALAYSIA
	
ACCREDITED SINCE :	26 MARCH 2025
FIELD(S) OF TESTING:	ELECTRICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

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FIELD(S) OF TESTING :	ELECTRICAL,

SCOPE OF TESTING : ELECTRICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Ac Current Meter Specific Values	100 HA at 1 kHz 1 mA at 1 kHz 10 mA at 1 kHz 100 mA at 1 kHz 1 A at 1 kHz	15 nA 0.16 pA 1.5 15 0.17 mA
Ac Voltage Meter Specific Values	100 mV at 1 kHz 1V kHz 10 V (See Matrix A) 100 V at 1 kHz 700 V at 1 kHz	13 0.66 pV (See Matrix A) 6.2 mV 69 mV
Dc Current Meter Specific Values	100 pA 10 mA 100 mA 1A	20 nA 0.22 pA 2.8 UA 42 pA
Dc Resistance Meter Specific Values	10Q 100 Q 1kQ 10 kQ 100 kQ 10 MQ 100 MQ	0.19 mQ 1.5mQ 84 mQ 1.00 172 0.37 kQ 12 kQ
Dc Resistance Source	0Q to 100 Q to 1 kQ 1 kQ to 10 kQ 10 kQ to 100 kQ 100 kQ to 330 kQ	-200 pO/Q + 2.4mQ -10 + 14 5 nO/Q + 140 mQ 20 70 pO/O + 25 O

Schedule

Issue date: 26 March 2025
Valid Until: -



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Dc Voltage Meter Specific Values	100 mV 1V 1Vto10V 100 V 1000 V	0.47 pV 4.8 uV 100 mV/V + 40 pV 0.62 mV 6.0 mV
Dc Voltage Source	+0.1V to+1V +10 V to 100 V	25 2nVNV + 30 1 mV 40 nV/V + 1.1 mV
	0 mV to 100 mV	5.5 uV/V + 0.78
	100 mV to 1 V	4.7 + 0.78 UV
	1Vto10V	4.7 + 1.6
	10 V to 100 V	6.2 + 24
	100 V to 1000 V	6.2 + 78 UV +
	100 V to 1000 V	Vin?
	0 mv to 200 mV	4.5 uV/V + 0.1
	200 mV to2 V	3 + 0.4 uv
	2V to 20V	None
	20 V to 200 V	4.5 + 40
	200 V to 1000 V	4.5 + 1mV
Frequency Source	10 MHz 100 MHz	2 x 10° Hz 5 x 10° MHz
	10 MHz 100 MHz	None
	10 MHz 100 MHz	None

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