

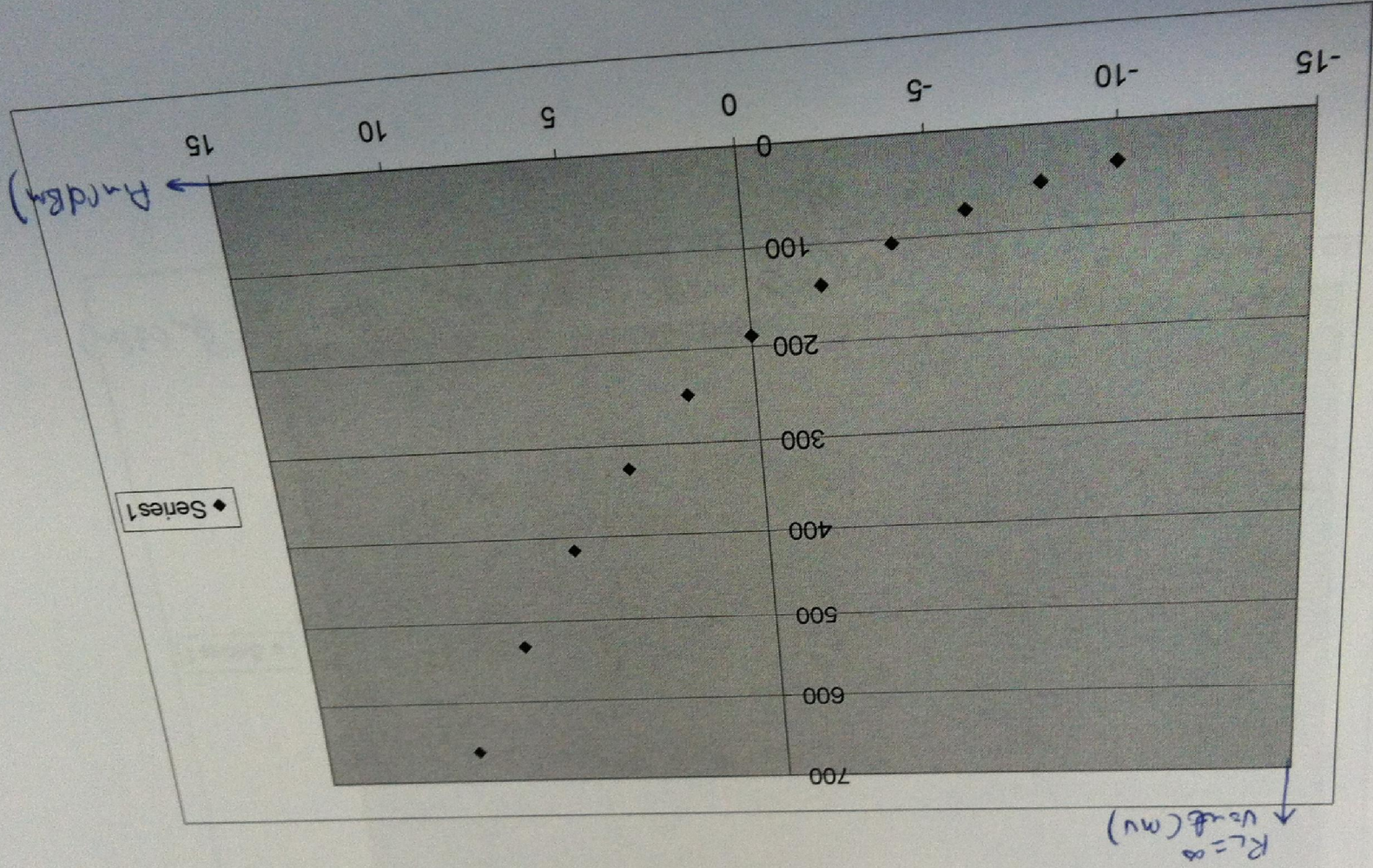
Power Detectors

Category	Minimum Freq. (GHz)	Minimum Freq. (GHz)	Manufacturer	Part Number	S/N	Supplier	Quantity	Received
Detectors (SMA-BNC)	0.01	26.5	Krytar	302B		Krytar	5*	Jan/2006(3) Oct/2012(2)
Detectors (K-BNC)	0.1	40	Krytar	303BK		Krytar	3	Jan/2006(2) Oct/2012(21)

damaged and 1 reduced responsivity (reduced responsivity will be checked)

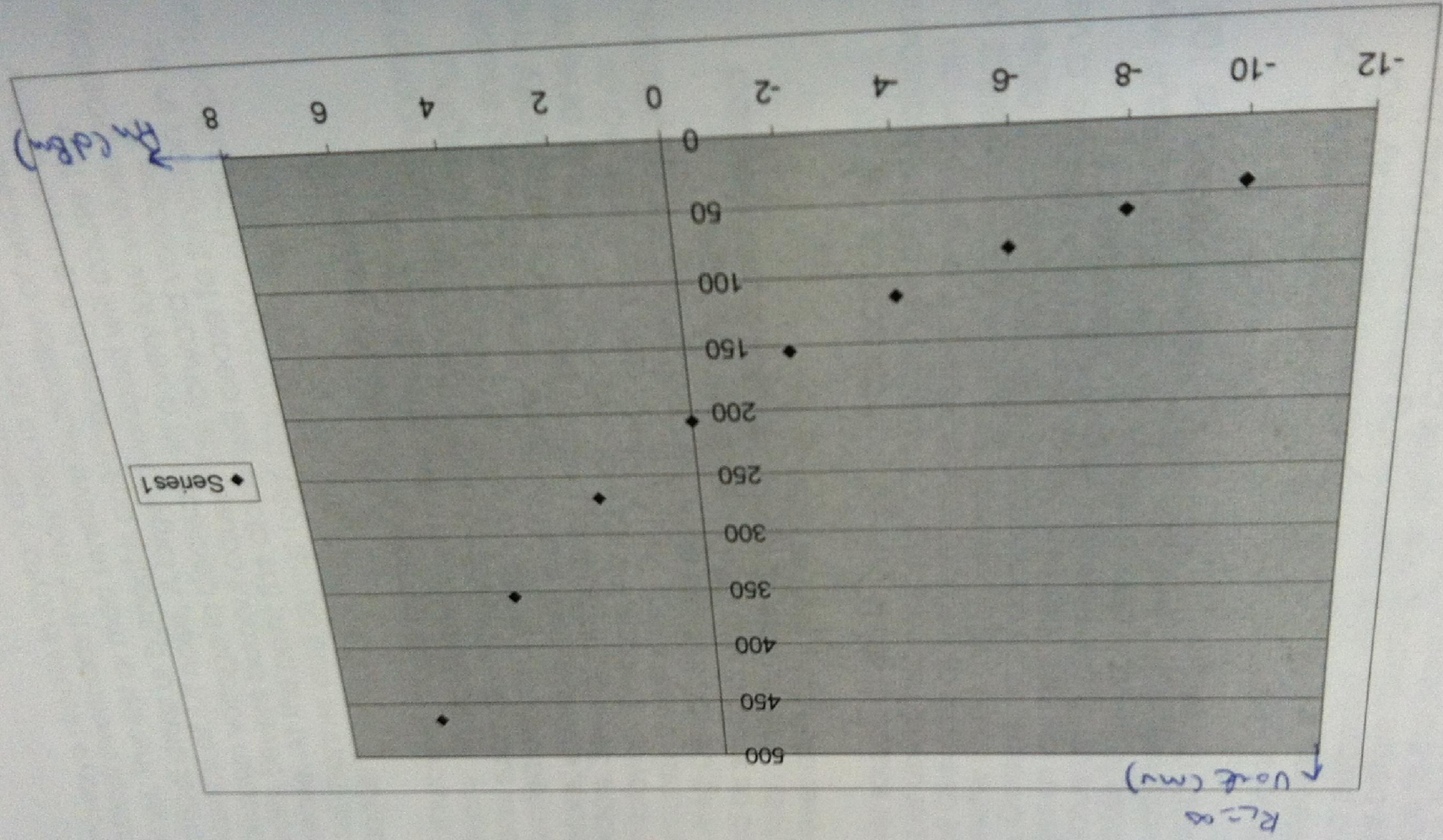
0.01-26.5 GHz Krytar Diode Detector

trial number:
 available units: 2
 ne by: Mohammed and Ramadan
 ter: 26th May 30, 2006

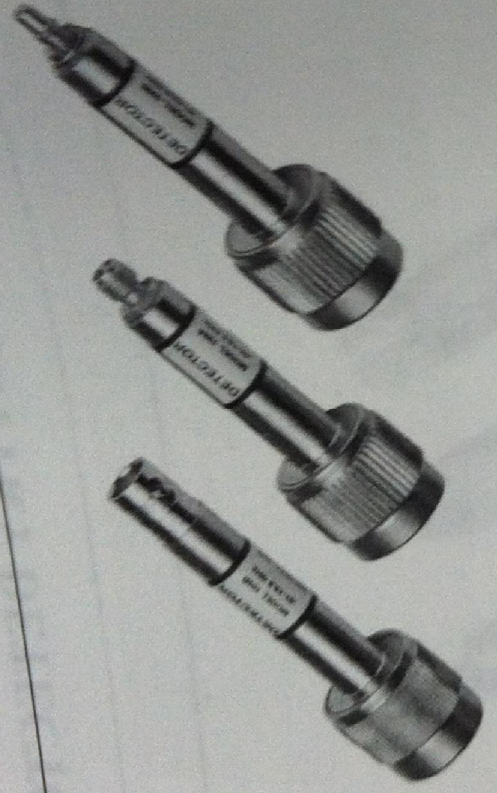
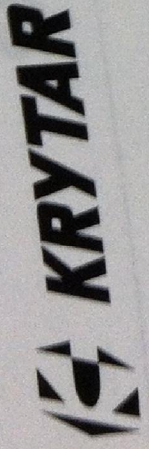


0.01-40 GHz Krytar Diode Detector

Serial number:
 Available units: 2
 Done by: Mohammed and Ramadan
 Date: 26th May 30, 2006



ZERO BIAS SCHOTTKY DETECTORS
MODELS 109A, 109B & 109S
10 MHz-18.5 GHz



SPECIFICATIONS

MODEL	FREQUENCY RANGE	FREQUENCY RESPONSE	MAXIMUM VSWR	OUTPUT CONNECTOR	DIMENSIONS
109A	10 MHz - 18.5 GHz	±0.3 dB to 12.4 GHz ±0.6 dB to 18.5 GHz	1.15 to 4 GHz 1.3 to 15 GHz 1.4 to 18.5 GHz	SMA Female	2.24 in. x 0.83 in. dia.
109B	10 MHz - 18.5 GHz	±0.3 dB to 12.4 GHz ±0.6 dB to 18.5 GHz	1.15 to 4 GHz 1.3 to 15 GHz 1.4 to 18.5 GHz	BNC Female	2.51 in. x 0.83 in. dia.
109S	10 MHz - 18.5 GHz	±0.3 dB to 12.4 GHz ±0.6 dB to 18.5 GHz	1.15 to 4 GHz 1.3 to 15 GHz 1.4 to 18.5 GHz	SMC Jack	2.33 in. x 0.83 in. dia.

LOW LEVEL SENSITIVITY

0.5 mV/μW

OUTPUT CAPACITANCE

30 pF

MAXIMUM INPUT

100 mW

OPERATING TEMPERATURE

-54° to +100° C

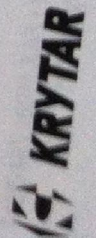
OUTPUT POLARITY

For positive output, add "P" to end of Model Number

INPUT CONNECTORS

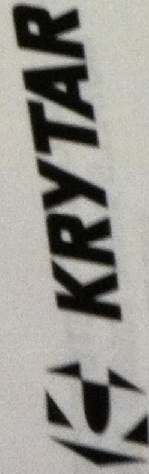
Negative

N Male

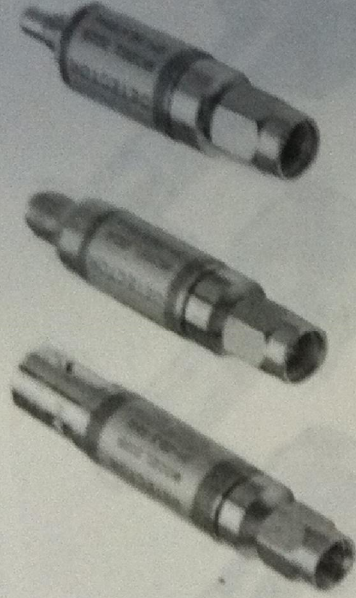


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ZERO BIAS SCHOTTKY DETECTORS
10 MHz-20 GHz, 10 MHz-26.5 GHz
AND 10 MHz-40 GHz
DESIGNED FOR MIL ENVIRONMENTS



SPECIFICATIONS

MODEL	FREQUENCY RANGE	FREQUENCY RESPONSE	MAXIMUM VSWR	OUTPUT CONNECTOR	DIMENSIONS
201A	10 MHz - 20 GHz	± 0.5 dB	1.35	SMA Female	1.57 in. x 0.4 in. dia.
201B	10 MHz - 20 GHz	± 0.5 dB	1.35	BNC Female	1.85 in. x 0.4 in. dia.
201S	10 MHz - 20 GHz	± 0.5 dB	1.35	SMC Jack	1.45 in. x 0.4 in. dia.
202A	10 MHz - 26.5 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz	SMA Female	1.57 in. x 0.4 in. dia.
202B	10 MHz - 26.5 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz	BNC Female	1.85 in. x 0.4 in. dia.
202S	10 MHz - 26.5 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz	SMC Jack	1.45 in. x 0.4 in. dia.
203A 203AK	10 MHz - 40 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz ± 1.5 dB to 40 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz 2.0 to 40 GHz	SMA Female	1.57 in. x 0.4 in. dia.
203B 203BK	10 MHz - 40 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz ± 1.5 dB to 40 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz 2.0 to 40 GHz	BNC Female	1.85 in. x 0.4 in. dia.
203S 203SK	10 MHz - 40 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz ± 1.5 dB to 40 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz 2.0 to 40 GHz	SMC Jack	1.45 in. x 0.4 in. dia.

LOW LEVEL SENSITIVITY

0.5 mV/ μ W

OUTPUT CAPACITANCE

30 pF

MAXIMUM INPUT

100 mW

OPERATING TEMPERATURE

-54° to +100° C

OUTPUT POLARITY

For positive output, add "P" to end of Model Number.

Negative

INPUT CONNECTOR

Models 201A, 201B, 201S, 202A, 202B, 202S

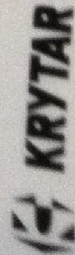
Models 203A, 203B, 203S

Models 203AK, 203BK, 203SK

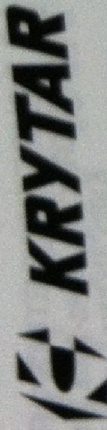
3.5 mm Male

2.4 mm Male

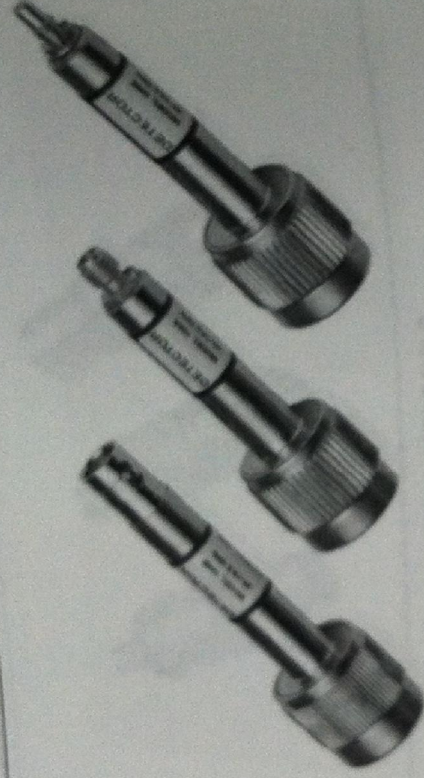
2.92 mm Male



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ZERO BIAS SCHOTTKY DETECTORS
MODELS 209A, 209B & 209S
100 MHz-18.5 GHz



SPECIFICATIONS

MODEL	FREQUENCY RANGE	FREQUENCY RESPONSE	MAXIMUM VSWR	OUTPUT CONNECTOR	DIMENSIONS
209A	100 MHz - 18.5 GHz	± 0.3 dB to 12.4 GHz ± 0.6 dB to 18.5 GHz	1.15 to 4 GHz 1.3 to 15 GHz 1.4 to 18.5 GHz	SMA Female	2.24 in. x 0.83 in. dia.
209B	100 MHz - 18.5 GHz	± 0.3 dB to 12.4 GHz ± 0.6 dB to 18.5 GHz	1.15 to 4 GHz 1.3 to 15 GHz 1.4 to 18.5 GHz	BNC Female	2.51 in. x 0.83 in. dia.
209S	100 MHz - 18.5 GHz	± 0.3 dB to 12.4 GHz ± 0.6 dB to 18.5 GHz	1.15 to 4 GHz 1.3 to 15 GHz 1.4 to 18.5 GHz	SMC Jack	2.33 in. x 0.83 in. dia.

LOW LEVEL SENSITIVITY

OUTPUT CAPACITANCE

MAXIMUM INPUT

0.5 mV/ μ W

3 pF

100 mW

OPERATING TEMPERATURE

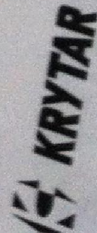
OUTPUT POLARITY

-54° to +100° C

For positive output, add "p" to end of Model Number.

INPUT CONNECTORS

Negative



N Male



KRYTAR

ZERO BIAS SCHOTTKY DETECTORS
100 MHz-20 GHz, 100 MHz-26.5 GHz
AND 100 MHz-40 GHz
DESIGNED FOR MIL ENVIRONMENTS



SPECIFICATIONS

MODEL	FREQUENCY RANGE	FREQUENCY RESPONSE	MAXIMUM VSWR	OUTPUT CONNECTOR	DIMENSIONS
301A	100 MHz - 20 GHz	± 0.5 dB	1.35	SMA Female	1.57 in. x 0.4 in. dia.
301B	100 MHz - 20 GHz	± 0.5 dB	1.35	BNC Female	1.85 in. x 0.4 in. dia.
301S	100 MHz - 20 GHz	± 0.5 dB	1.35	SMC Jack	1.45 in. x 0.4 in. dia.
302A	100 MHz - 26.5 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz	SMA Female	1.57 in. x 0.4 in. dia.
302B	100 MHz - 26.5 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz	BNC Female	1.85 in. x 0.4 in. dia.
302S	100 MHz - 26.5 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz	SMC Jack	1.45 in. x 0.4 in. dia.
303A 303AK	100 MHz - 40 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz ± 1.5 dB to 40 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz 2.0 to 40 GHz	SMA Female	1.57 in. x 0.4 in. dia.
303B 303BK	100 MHz - 40 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz ± 1.5 dB to 40 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz 2.0 to 40 GHz	BNC Female	1.85 in. x 0.4 in. dia.
303S 303SK	100 MHz - 40 GHz	± 0.5 dB to 20 GHz ± 0.8 dB to 26.5 GHz ± 1.5 dB to 40 GHz	1.35 to 20 GHz 1.5 to 26.5 GHz 2.0 to 40 GHz	SMC Jack	1.45 in. x 0.4 in. dia.

LOW LEVEL SENSITIVITY

0.5 mV/ μ W

OUTPUT CAPACITANCE

3.0 pF

MAXIMUM INPUT

100 mW

OPERATING TEMPERATURE

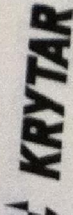
-54° to +100° C

OUTPUT POLARITY

For positive output, add "P" to end of Model Number.

INPUT CONNECTOR

Models 301A, 301B, 301S, 302A, 302B, 302S 3.5 mm Male
Models 303A, 303B, 303S 2.4 mm Male
Models 303AK, 303BK, 303SK 2.92 mm Male



KRYTAR

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