



CANBERRA

DETECTOR SPECIFICATIONS
PERFORMANCE DATA
CERTIFICATE OF CONFORMITY

CUSTOM DESIGN PIPS DETECTORS

Serial number : 103833
Lot number : 2687.280.082.06
Internal order number : SOR 7829

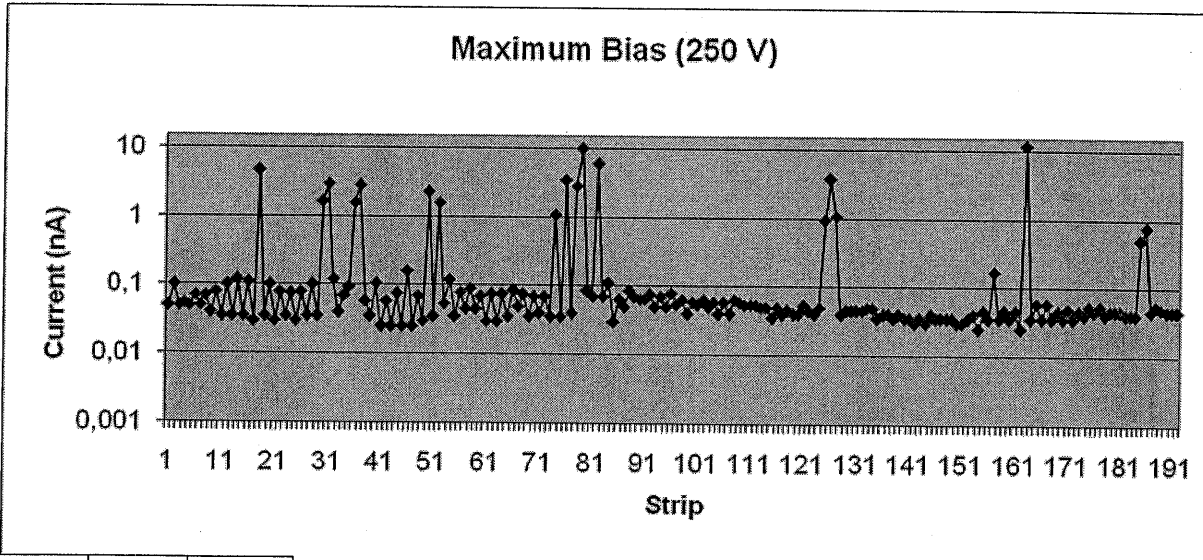
SPECIFICATIONS

Model **PF-192CD-46*10-1000CB**

PERFORMANCE

Recommended bias voltage	+ 220	Volts
Full depletion bias voltage	+ 200	Volts
Maximum bias voltage	+ 250	Volts
Chip thickness	1051	µm
Resistivity	19400	ohmcm

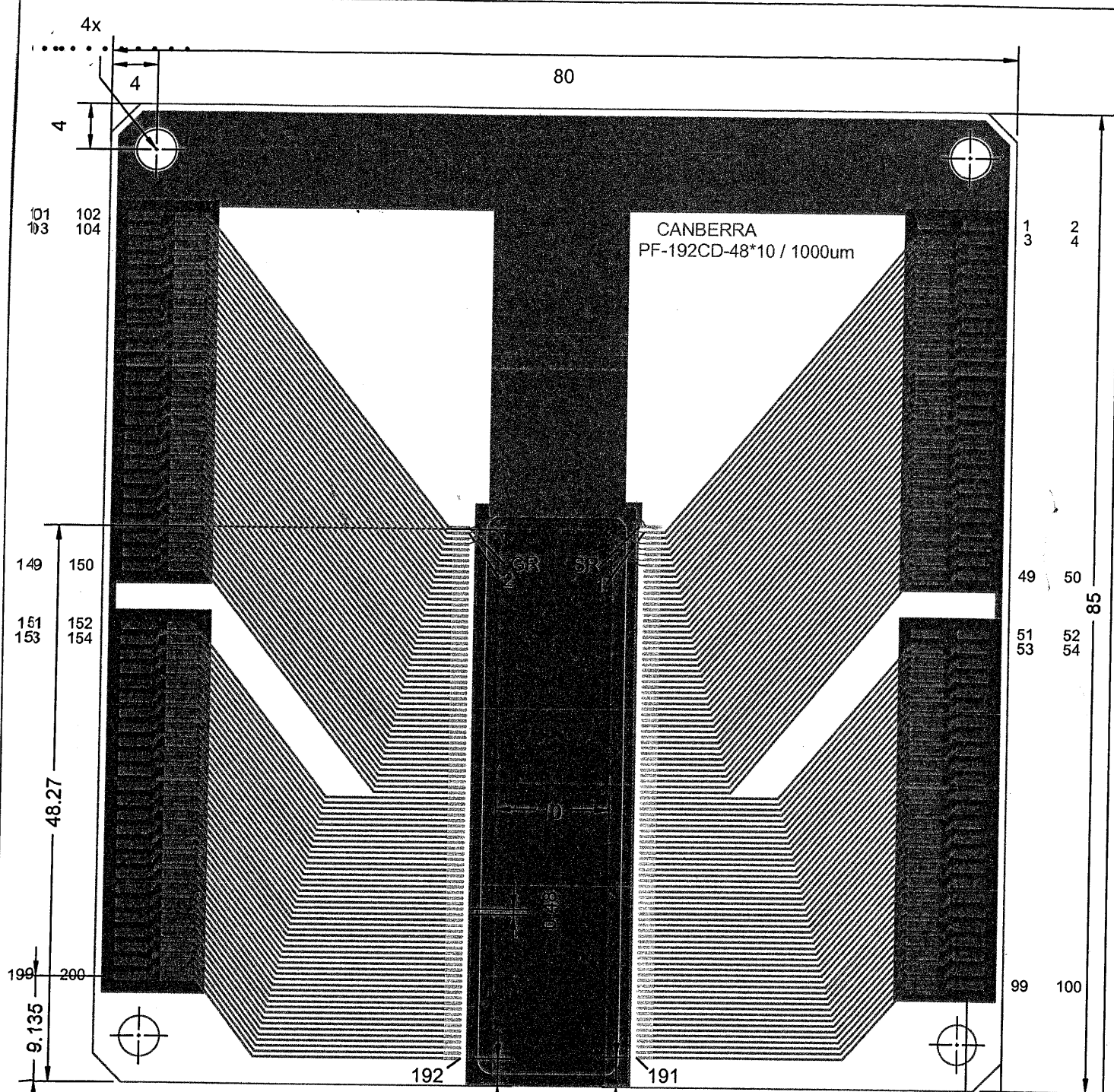
Leakage current (nA) at ...21.. °C



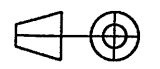
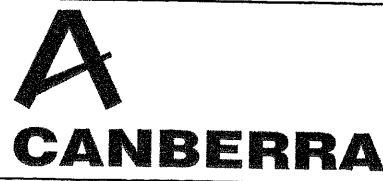

	V	220 V
Guard		27 nA

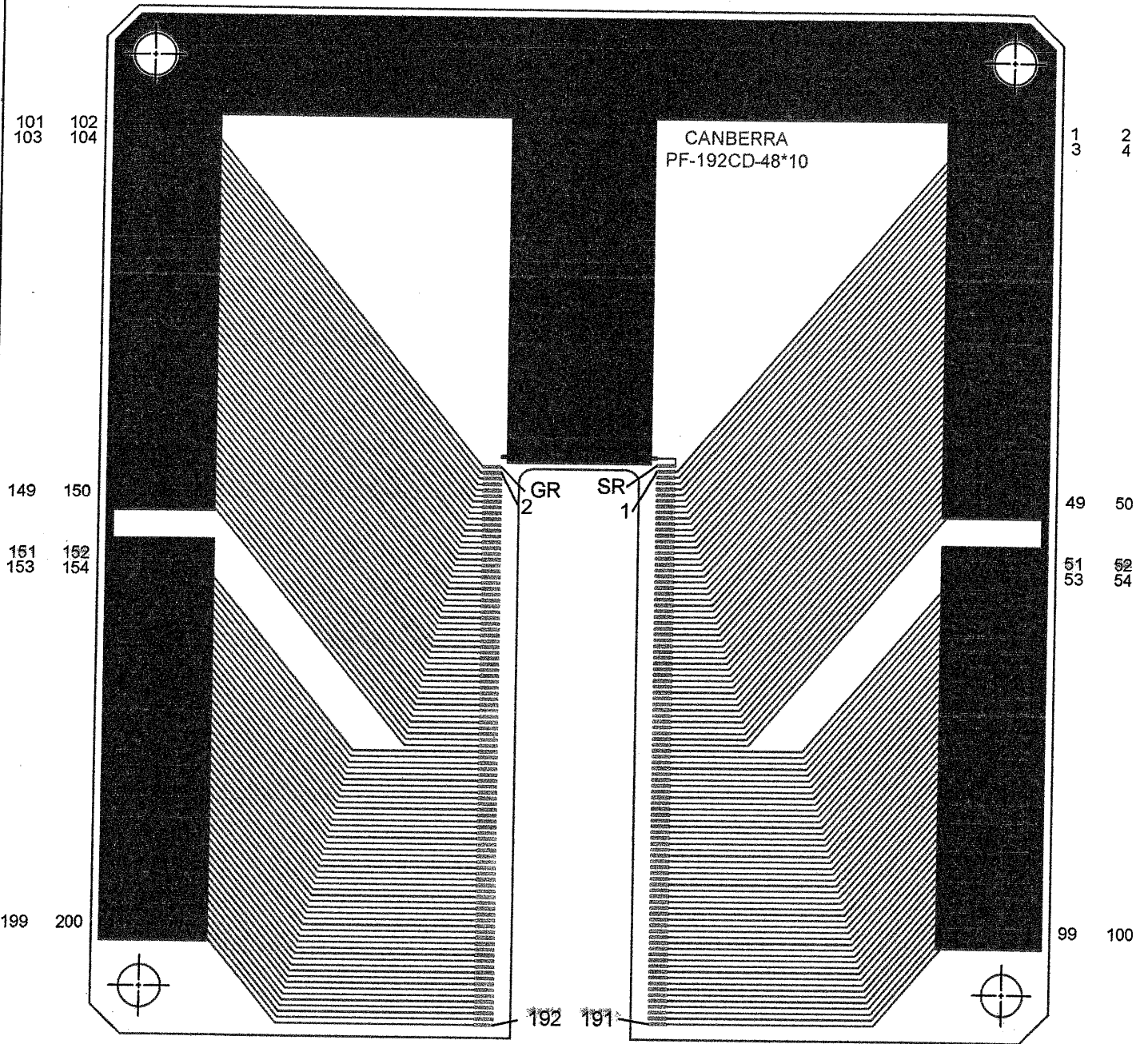
Tested by:	Date: 03 nov 11	Approved by:	Q.A.Manager:
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Standard tests are performed following IEEE Standard Test Procedures for Semiconductor Charged Particle Detectors IEEE Std 300-1988.



Au plated contacts for wire bonding
 AgPd plated contacts for soldering
 Photoresist for soldering
 Al₂O₃ thickness 0.635

PF-192CD-48*10 / 1000um		Name: CERAMIC BOARD	
Date: 22/06/2011		Doc: STTPRxxx/A	
MAT: Al ₂ O ₃		Auth.: AAB	
SCALE: 2/1	Ra:  1.6	Order code: SOR 7829	
TOL: +/-0.1		Internal code:	



PF-192CD-46*10

Name: Connector Layout

Date: 06/04/07

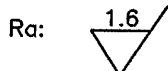


Doc: STSOR003/B

MAT: Al203

Auth.: MAT

SCALE: 2/1



Order code: SOR6339

TOL: +/-0.1

Internal code: HW683



PF-192CD-46x10

Connection scheme

FTSH connector	Detector
1	mass
2	Floating
3	1
4	3
5	5
6	7
7	9
8	11
9	13
10	15
11	17
12	19
13	21
14	23
15	25
16	27
17	29
18	31
19	33
20	35
21	37
22	39
23	41
24	43
25	45
26	47
27	49
28	51
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32	59
33	61
34	63
35	65
36	67
37	69

38	71
39	73
40	75
41	77
42	79
43	81
44	83
45	85
46	87
47	89
48	91
49	93
50	95
51	mass
52	mass
53	97
54	99
55	101
56	103
57	105
58	107
59	109
60	111
61	113
62	115
63	117
64	119
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89	169
90	171
91	173
92	175
93	177
94	179
95	181
96	183
97	185
98	187
99	189
100	191
101	mass
102	GR
103	2
104	4
105	6
106	8
107	10
108	12
109	14
110	16
111	18
112	20
113	22
114	24
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139	74
140	76
141	78
142	80
143	82
144	84
145	86
146	88
147	90
148	92
149	94
150	96
151	mass
152	mass
153	98
154	100
155	102
156	104
157	106
158	108
159	110
160	112

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199	190
200	192



CANBERRA

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63177 Aubière Cedex

FRANCE

Tel +33 4 73 40 72 72

Packing List

Nr : 110967
Your ref : 4027498
Our ref : SOR 7829
Date : 04-Nov-11

YOUR REF OUR REF	QTY	DESCRIPTION PIPS DETECTOR
4027498 SOR 7829	1	PF-192CD-46*10-1000CB s/n 103833
TOT:	1	

Shipment: Through services of : TNT
Tracking number : #GE858707559WW#
Country of origin: Belgium
Statistical number: 9030 1000
Package Information 1 wooden crate of 40*40*40 cm
Weight Net Weight : 3,50 Kg
Brut Weight : 5,00 Kg

CANBERRA SEMICONDUCTOR N.V.

Lammerdries-Oost 25 - 2250 Olen - Belgium - Tel. +32 14 221 975 - Fax +32 14 221 991 - e-mail: csnv@canberra.com
RPR Turnhout - BTW/VAT: BE 0426.632.922
FORTIS BANK Account no. 001-5284504-20 IBAN:BE28 0015 2845 0420 SWIFT/BIC: GEBABEBB

Sender: TNT Account: 000154285
Canberra Semiconductor NV
Lammerdries 25
OLEN
2250
Belgium

Contact: Jackie Claes
Tel: +32 14 221975

Delivery Address
Lab de Physique Corpusculaire
24 avenue des Landais
BP 80026
Aubièrre Cedex
63177
France

Contact: Michel Brossard
Tel: +33 4 73 407272

TNT



GE858707559WW

Sender Ref: 110967/SOR7829

Description of Goods Shipping Date: 04 Nov 2011

1 pips
Dimensions: 40cm x 40cm x 40cm

Special Delivery Instructions REF CANU 4027498 - JEFFERSON

**NON DANGEROUS
GOODS**

Service & Options
(15N) Express (non-doc)

No. Of Pieces
1 of 1
Consignment Weight
5.000Kgs

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