

high temperature bialkali 19 to 51mm ($\frac{3}{4}$ " to 2") diameter, glass and metal ce

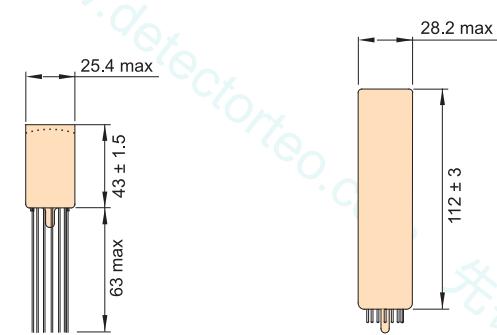
type	Characteristics					Photocathode sensitivity					Photomultiplier performance						
	diameter nominal mm	active diameter nominal mm	number & type of dynodes	dynode surface	QE (%) peak typical	QE Curve	uA/Lm typical	CB min	CB typical	CR typical	nominal A/Lm or (pC/MeV)	Vk-a typical	Vk-a max	gain X10 ⁶	dark current typical nA	dark current max nA	max rated A/Lm (gain)
9110FLB	25	22	10 CF	BeCu	17	B - e	50	4	6	5	10	1350	1500	0.2	0.1	1	50
9110V02	25	22	10 CF	BeCu	17	B - e	50	4	6	5	10	1350	1500	0.2	0.1	1	50
9110V15	25	22	10 CF	BeCu	17	B - e	50	4	6	5	10	1350	1500	0.2	0.1	1	50
9110V16	25	22	10 CF	BeCu	17	B - e	50	4	6	5	10	1350	1500	0.2	0.1	1	50
9878B	29	25	11 BG	BeCu	17	B - e	50	4	6	5	20	1400	1600	0.4	0.03	1	50
9888B	29	25	11 BG	BeCu	17	B - e	50	4	6	5	20	1400	1600	0.4	0.03	1	50
9727B	51	46	13 VB	BeCu	17	B - e	50	4	6	5	50	1450	1900	1	0.5	5	200
9222	19	11.5	12 VB	BeCu	17	S - e	40	-	6	2	(100)	2100	2400	1	1	-	(5.0X10 ⁶)
9224	26	20	12 VB	BeCu	17	S - e	40	-	6	2	(100)	1800	2200	0.33	2	-	(1.7X10 ⁶)
9223	32	25	12 VB	BeCu	17	S - e	40	-	6	2	(100)	1800	2100	0.33	3	-	(1.7X10 ⁶)
9226	51	45	14 VB	BeCu	17	S - e	40	-	6	2	(100)	1800	2100	0.33	8	-	(1.7X10 ⁶)

Note: unless otherwise stated, all of the above information relates to 20 degrees C.

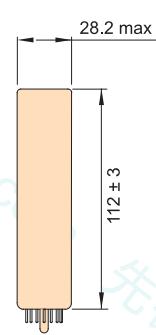
Comprehensive data sheets for all of the above types are available on request, or can be downloaded from our website.

Outline drawings mm

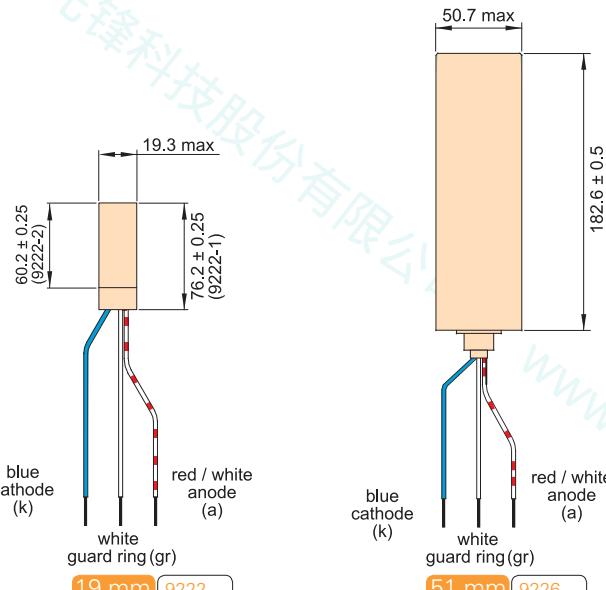
(add 0.8mm to diameter when insulating sleeving is specified)



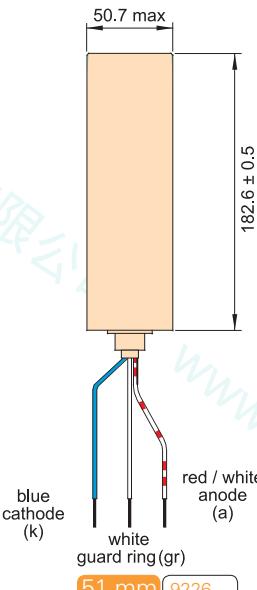
25 mm 9110FLB



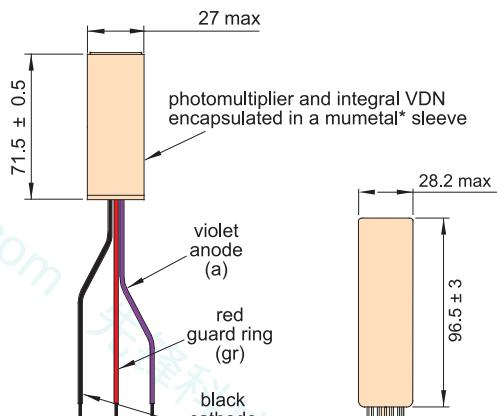
29 mm 9878B



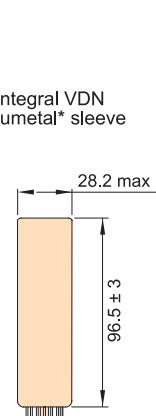
19 mm 9222



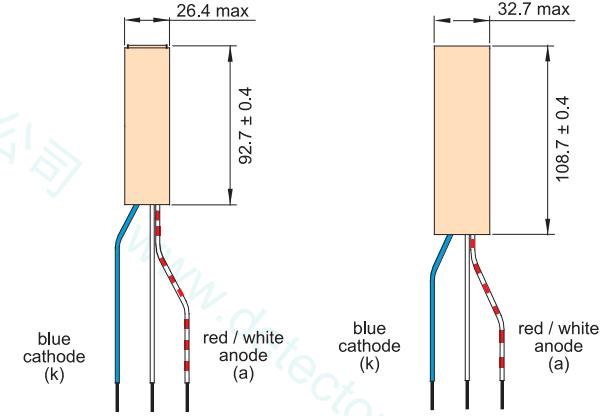
51 mm 9226



25 mm 9110V02
9110V15
9110V16



29 mm 9888B



26 mm 9224

32 mm 9223

*mumetal is a trademark of Magnetic Shield Corporation.

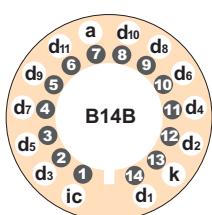
ceramic

pulse rise time ns	pulse fwhm ns	type	Special features	Accessories			
				Socket	Shield	Voltage divider series	
						passive	active
1.8	3.1	9110FLB	compact, rugged, operation up to 90 °C. Selected versions for 175 °C.	FL	MS25A	-	-
1.8	3.1	9110V02	encapsulated with voltage divider, for operation up to 150 °C.	wires	included	included	n/a
1.8	3.1	9110V15	encapsulated with voltage divider, for operation up to 175 °C.	wires	included	included	n/a
1.8	3.1	9110V16	encapsulated with voltage divider, for operation up to 90 °C.	wires	included	included	n/a
15	30	9878B	for operation up to 150 °C, length 112 mm.	B14B	MS30B	-	-
15	30	9888B	for operation up to 150 °C, length 96.5 mm.	B14B	MS30A	-	-
10	22	9727B	for operation up to 150 °C.	B19A	MS52C(F)	-	-
6	10	9222	ultra rugged, compact, 12mm input diameter, for operation up to 175 °C.	wires	-	included	n/a
8	13	9224	ultra rugged, 20mm input diameter, for operation up to 175 °C.	wires	-	included	n/a
9	15	9223	ultra rugged, 25mm input diameter, for operation up to 175 °C.	wires	-	included	n/a
12	20	9226	ultra rugged, 45mm input diameter, for operation up to 175 °C.	wires	-	included	n/a

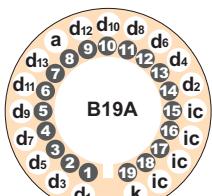
Sourced from www.et-enterprises.com

Base configurations

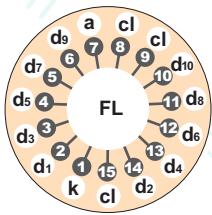
(Viewed from below)



9878B
9888B



9727B

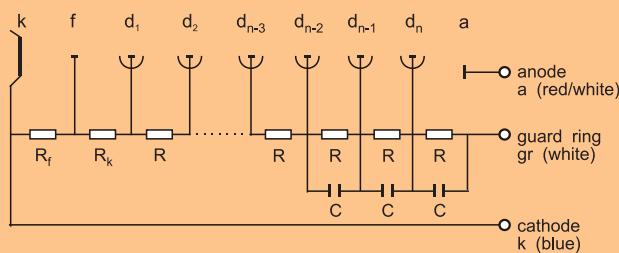


9110FLB

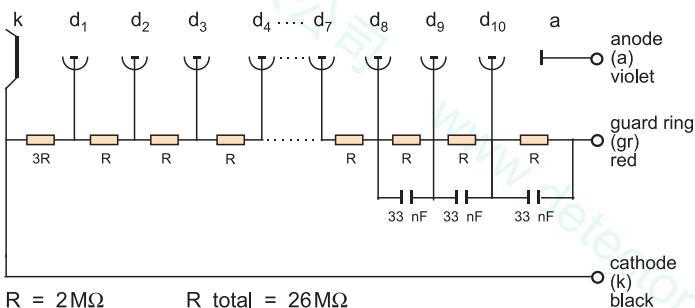
voltage divider distribution for 9222 series

All metal ceramic pmts are supplied as a package, which includes the voltage divider. The standard voltage divider for each type is described by the table and circuit diagram given below. All resistor values in MΩ.

type	R _f	R _k	R	R _{total}	C
9222	0.27	7.8	3.9	56 MΩ	33 nF
9224	0	7.8	3.9	56 MΩ	2.2 nF
9223	0.35	7.8	3.9	56 MΩ	2.2 nF
9226	0.27	9.0	2.4	43 MΩ	2.2 nF



voltage divider distribution for 9110V series



25 mm
9110V02
9110V15
9110V16