

GM REPLACEMENT TUBES

SPECIFICATIONS OF GM (GEIGER MUELLER) RADIATION DETECTORS USED IN TECHNICAL ASSOCIATES INSTRUMENTATION

ALL DETECTORS ARE NEON FILL HALOGEN QUENCHED, "INFINITE LIFE"
AND HAVE A LIFE EXPECTANCY OF APPROXIMATELY 10^{10} COUNTS.

Model	T-1100	T-1110	T-1120	T-1130	T-1140	T-1150	P-6	T-1190	T-1210A	T-1212	T-1216	T-1218	T-1219
Window(Mica)													
Thickness mg/cm ²					1.5-2.0		1.5-2.0	1.5-2.0	1.5-2.0	1.5-2.0			
Diameter mm					28.5		28.5	44	20	4			
Wall													
Thickness mg/cm ²	30	30	30	30		30					30	90	90
Effective Length mm	63	70	165	165	66	230	66	13	10	2	28	10	3
Connector	3 pin	3 pin	4 pin	3 pin	4 pin	3 pin	BNC	Grid Cap	Thin pin	Grid cap	Grid pin	Grid pin	Grid pin
Electrical													
Operating Voltage	900	900	900	900	900	900	900	900	500	500	500	500	500
Plataeu Slope / %100V	10	10	10	10	10	10	10	10	10	15	10	10	10
Recovery Time μS	125	75	65	65	150	65	150	30	120	25	20	20	20
Physical													
Length mm(less pins)	90	90	190	190	98	261	127	13	20	25	50	30	20
Diameter mm	16	16	16	16	35	16	35	52	25	7	8	5	5
Material	416 SS	416 SS	416 SS	416 SS	416 SS	416 SS	416 SS	416 SS	416 SS	416 SS	416 SS	416 SS	416 SS



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