

D TYPE SOCKET ASSEMBLIES E10679-02, E10679-51

The E10679-02 and E10679-51 are D-type socket assemblies for the R9880U series metal package photomultiplier tubes.

The E10679-02 has an output cable, while the E10679-51 has an output pin for mounting on a circuit board.

FEATURES

- Cable output and pin output
- Compact and lightweight



Left: E10679-02, Right: E10679-51

SPECIFICATIONS

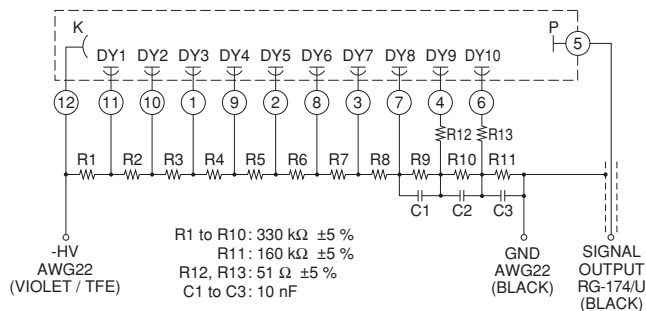
Parameter	E10679-02	E10679-51	Unit
Grounded electrode / supply voltage polarity	Anode / Negative	Anode / Negative · Cathode / Positive	—
Max. insulation voltage between case and terminals	1100		V
Max. supply voltage between power supply terminals	1100		V
Max. voltage divider current (at max. power supply voltage)	0.32		mA
Power consumption (at max. power supply voltage)	350		mW
Insulation resistance between case and terminals	Min. 1×10^{11}		Ω
Leakage current in signal (at -1000 V)	Max. 1×10^{-10}		A
Total voltage divider resistance	3.46		M Ω
Max. linear output in DC mode (at max. power supply voltage) ^(A)	16		μ A
Signal output	DC/Pulse		—
Operating ambient temperature ^(B)	0 to +50		°C
Storage temperature ^(B)	-15 to +60		°C
Weight	17	4.8	g

NOTE: (A) In the range that the output linearity is kept within $\pm 5\%$.

(B) No condensation

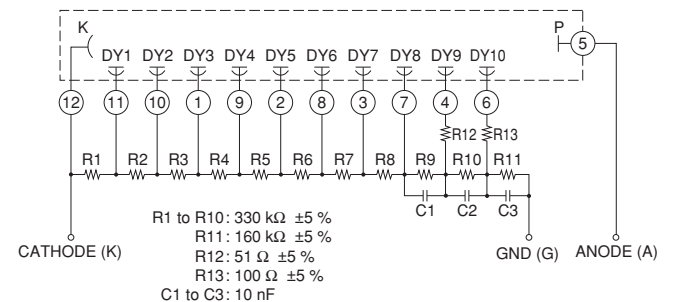
CIRCUIT DIAGRAMS

E10679-02



TACCC0165EB

E10679-51



TACCC0166EB

To supply +HV, connect the pin (G) to +HV, and the pin (K) to the GND.

