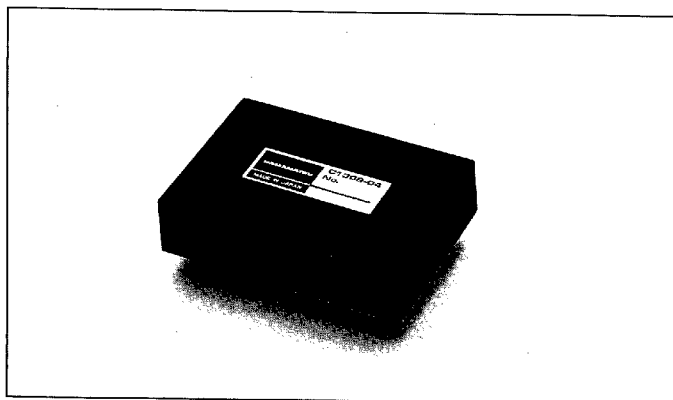


High Voltage Power Supply Units C1309 Series

FEATURES

- **Compact and lightweight**
Allows direct mounting on a PC board.
- **High stability**
Ensures excellent input regulation, load regulation and drift.
- **Fully enclosed metal-shielded package**
Provides effective noise shielding

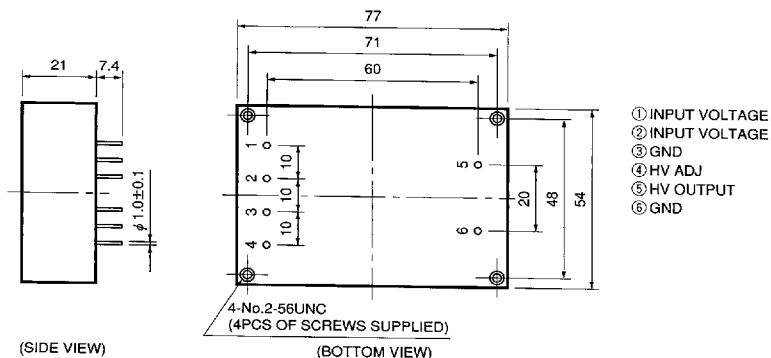


Specifications

Parameter	C1309-01	C1309-02	C1309-04	C1309-06	Unit
Input Voltage A	+12 to +16	+14 to +16	+14 to +16	+14 to +16	Vdc
Input Current A B	300	170	170	250	mA Max.
Output Voltage	-400 to -800	-200 to -1100	-200 to -1100	-400 to -1500	Vdc
Specification Guaranteed Output Voltage Range	-500 to -800	-400 to -1100	-400 to -1100	-500 to -1500	Vdc
Output Current	2	0.7	0.7	1	mA Max.
Line Regulation B C	±0.1	±0.05	±0.05	±0.05	% Max.
Load Regulation against 0 to 100% Load Change D	±0.1	±0.1	±0.05	±0.2	% Max.
Ripple/Noise E	300	100	100	150	mVp-p Max.
Drift (After Warm-up) E	±0.2	±0.1	±0.02	±0.1	%/h Max.
Programming Resistance	1	10	10	10	kΩ
Programming Voltage	+4.8 to +7	0 to +1.4	0 to +1.4	0 to +1.4	Vdc
Output Voltage Rise Time (10→90%) E	30	200	200	200	ms Typ.
Temperature Coefficient B E	±0.05	±0.03	±0.005	±0.02	%/°C Max.
Warm-up Time	15	15	15	15	min Typ.
Operating Temperature E	+5 to +40	+5 to +40	+5 to +40	+5 to +40	°C
Storage Temperature	-5 to +60	-5 to +60	-5 to +60	-5 to +60	°C
Weight	140	120	120	120	g

NOTE **A** With single supply voltage.
B Maximum output voltage and current.
C ±2V input change for C1309-01.
 ±1V input change for C1309-02, -04 and -06.
D Maximum output voltage.
E Operating temperature: +5 to +40°C.

Dimensional Outlines (Unit: mm)



TACCA0123EA

4229609 0004628 343