CC106

CC106-2I4: RS232 to isolated RS422 / 485

Introduction:

CC106-2I4 provides RS232 signal level transfer to 1 port Isolator RS422 / 485 signal level
Data rate: 250 kbps (speed depends on Host)
Transmit Output Current 25mA
Receive Output Current 25mA

Isolator Spec:

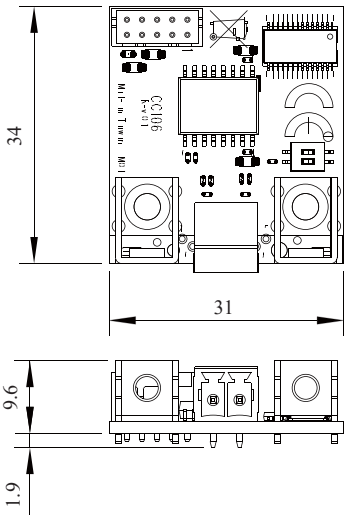
Robust isolation barrier: – >100-Year projected lifetime at 1 kVRMS working voltage
- Up to 5000 VRMS isolation rating
- Up to 10 kVPK surge capability
- ±100 kV/μs minimum CMTI

Integrated high-efficiency DC-DC converter with on-chip transformer 3-V to 5.5-V Wide input supply range
Regulated 5-V or 3.3-V output Up to 0.65-W output power
Soft-start to limit inrush current
Overload and short-circuit protection
Safety-related certifications:
- 7071-VPK reinforced isolation per DIN V VDE V 0884-11:2017-01
- 5000-VRMS isolation for 1 minute per UL 1577
- CSA Certification per IEC 60950-1, IEC 62368-1 and IEC 60601-1 end equipment standards
- CQC Approval per GB4943.1-2011
- TUV Certification according to EN 60950-1 and EN 61010-1

Top

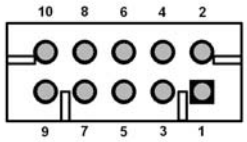


Mechanical Drawing:



Features:

- Input (RS232 mode)



PIN NO	DESCRIPTION	PIN NO	DESCRIPTION
1	NC	2	RXD+
3	TXD+	4	DTR+
5	GND	6	NC
7	RTS+	8	NC
9	NC	10	+5V

- Output (TB 2pin)



PIN NO.	1	2
DESCRIPTION	ISO_DATA+	ISO_DATA-

Specification:

Type	RS232 to isolator RS422 / RS485
Input	2.0 mm, 2x5pin
Output port	TB 2 pin
Operating Temperature	-40°C ~ +85°C
Dimensions	31 x 34 mm

Ordering Information:

CC106-2I4 7G5905-2601S0001 CC106-2I4-001

Cable Information:

66G6001-0105-1100 L=15cm 2.0 2*5 to 2.0 2*5

