

CC106

CC106-2I4: RS232 to Isolator 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/ μ s 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:

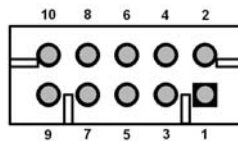
- 7071-VPK reinforced isolation per DIN V VDE V 0884-11:2017-01
- 5000-VRMS isolation for 1 minute per UL 1577
- CSA Certification per IEC 60950-1, IEC 62368-1 and IEC 60601-1 end equipment standards
- CQC Approval per GB4943.1-2011
- TUV Certification according to EN 60950-1 and EN 61010-1

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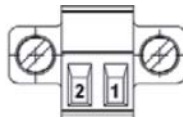
Features:

- 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)

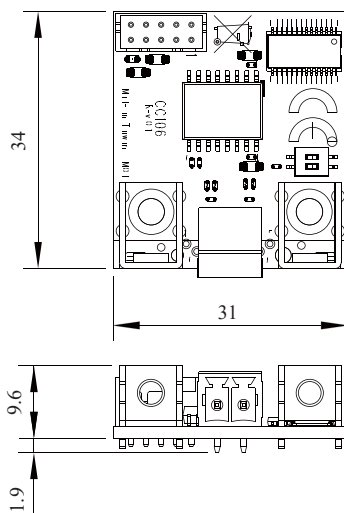


PIN NO.	1	2
DESCRIPTION	ISO_DATA+	ISO_DATA-

Specification:

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

Mechanical Drawing:

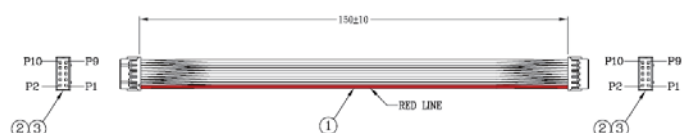


Ordering Information:

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

Cable Information:

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



Specification are subject to change without prior notice. ODM / OEM is available.