

S40G-QP-DAC

40Gb/s QSFP+ Direct Attach Passive Cable

Description:

The **S40G-QP-DAC** QSFP+ passive cable assemblies serve as high-performance and economically viable I/O solutions suitable for 40G LAN, HPC, and SAN applications. Complying with SFF-8436, QSFP+ MSA, and IEEE P802.3ba 40GBASE-CR4 standards, these QSFP+ passive copper cables are designed to offer a low-power, short-reach interconnect solution. Each lane of the cable is capable of transmitting data at rates up to 10Gb/s, resulting in an aggregated rate of 40Gb/s.



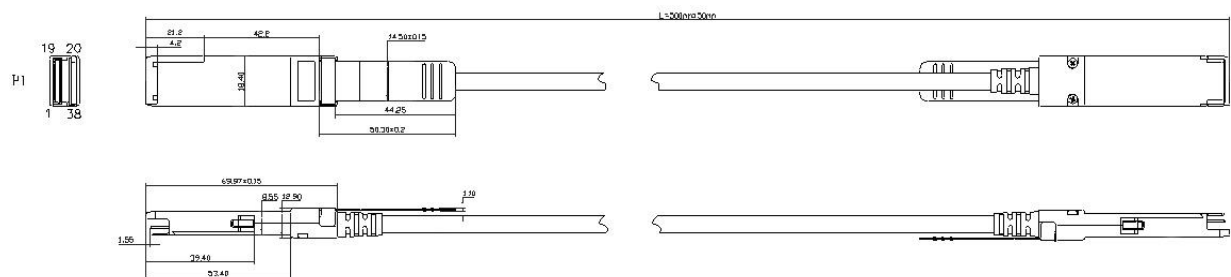
Features:

- High-Density QSFP 38-PIN Connector
- Hybrid cable conforms to the Small Form Factor SFF-8436
- Maximum aggregate data rate: 41.25 Gbps (4 x10.3125Gbit/s)
- Copper link length up to 7 m
- Power Supply :+3.3V
- Temperature Range: 0~70°C
- Low power consumption: 0.02 W (typ.)

Applications:

- ✧ 10G/40Gigabit Ethernet
- ✧ InfiniBand SDR, DDR, QDR
- ✧ Switches, Routers and HBA
- ✧ Data Centers

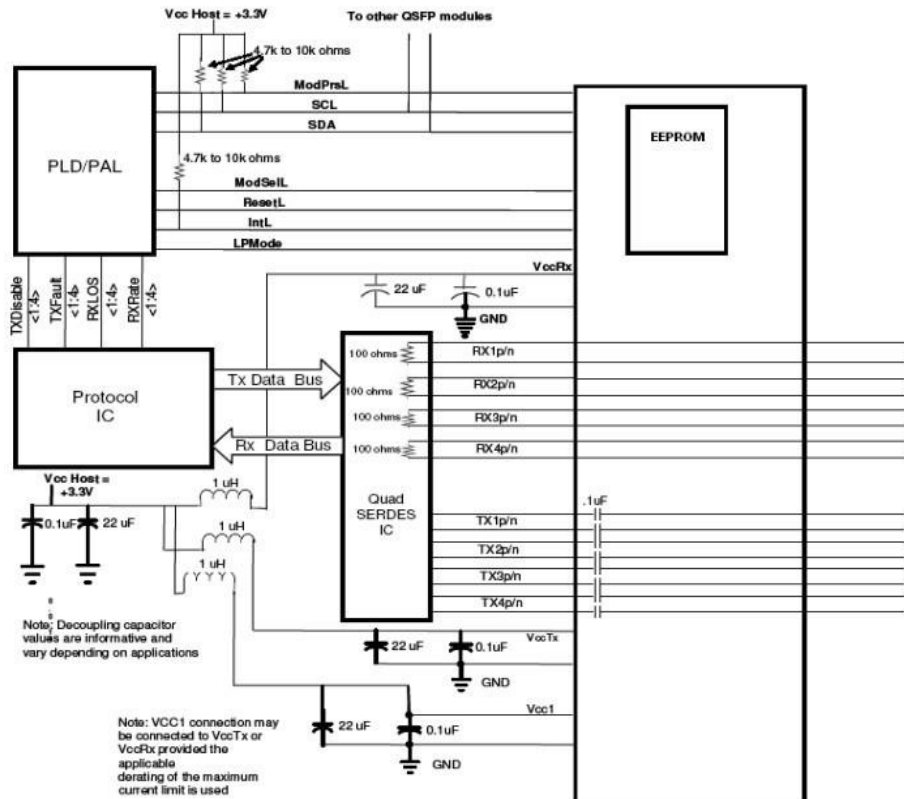
Mechanical dimensions schema:



Recommended operating environment:

Parametr	Min.	Max.
Storage Temperature	- 40 °C	+ 85 °C
Operating Case Temperature	0 °C	+ 70 °C
Power Dissipation	0.02 W	

QSFP+ Host Board Schematic for passive copper cables:



Ordering code:

S40G – QP-DAC – dd – XX

Examples of distance code:

dd code [-]	Distance [m]
001	1
002	2
003	3
004	4
005	5
006	6
007	7

Examples of ordering code:

Code	Description
S40G-QP-DAC-001-XX	40G QSFP+ passive cable, 1 m
S40G-QP-DAC-002-XX	40G QSFP+ passive cable, 2 m
S40G-QP-DAC-003-XX	40G QSFP+ passive cable, 3 m
S40G-QP-DAC-004-XX	40G QSFP+ passive cable, 4 m
S40G-QP-DAC-005-XX	40G QSFP+ passive cable, 5 m
S40G-QP-DAC-006-XX	40G QSFP+ passive cable, 6 m
S40G-QP-DAC-007-XX	40G QSFP+ passive cable, 7 m