P/ACTIVE V.35 TERMINATION NETWORK

Features
- Stable resistor network
- 6 terminations/package
- Separate ground for receive terminations
- Version for receiver input impedance compensation
- Saves board space and reduces assembly cost
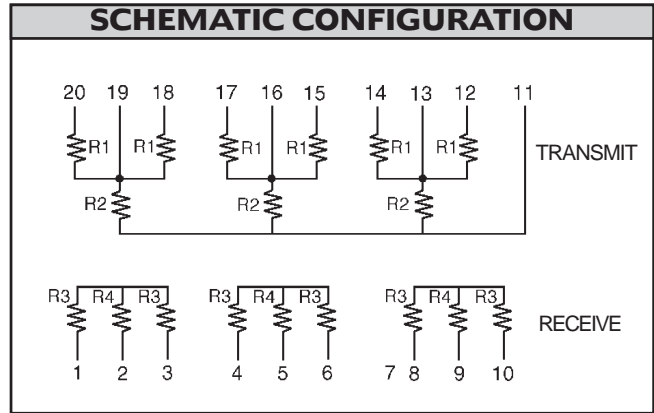
Applications
- Bridges
- Routers

Product Description

The PACV35 termination network is an integrated resistor interface used to ensure proper signal integrity between transmitter and receiver sections for V.35 protocols. It is well-suited for use in hub and router networking applications.

The available QSOP package reduces discrete resistor count from 18 to a single package resulting in a 75% board space savings.

STANDARD SPECIFICATIONS	
Absolute Tolerance (0 ≤ T_A ≤ 70°C)	
R1, R2 transmitter	±2%
R3, R4 receiver	±1%
Operating Temperature Range	0°C to 70°C
Power Rating/Resistor	Receive: 250mW Transmit: 25mW
Minimum Insulation Resistance	10,000 Meg Ω
Storage Temperature	-60°C to 150°C
Package Power Rating	1.00W, max.

STANDARD VALUES				
R1(Ω)	R2(Ω)	R3(Ω)	R4(Ω)	Code
50	125	50	125	01
50	125	50	124	01

SCHEMATIC CONFIGURATION

STANDARD PART ORDERING INFORMATION					
	Package		Ordering Part Number		
R Code	Pins	Style	Tubes	Tape & Reel	Part Marking
01	20	QSOP	PACV35-01Q/T	PACV35-01Q/R	PACV35-01Q
01	20	SOIC Wide	PACV35-01S/T	PACV35-01S/R	PACV35-01S
02	20	QSOP	PACV35-02Q/T	PACV35-02Q/R	PACV35-02Q
02	20	SOIC Wide	PACV35-02S/T	PACV35-02S/R	PACV35-02S