



## 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

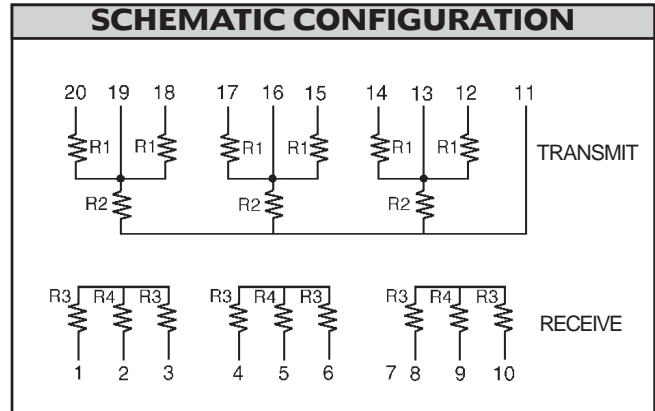
### Product Description

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 ( $0 \leq T_A \leq 70^\circ\text{C}$ )	
R1, R2 transmitter	$\pm 2\%$
R3, R4 receiver	$\pm 1\%$
Operating Temperature Range	$0^\circ\text{C}$ to $70^\circ\text{C}$
Power Rating/Resistor	Receive: 250mW Transmit: 25mW
Minimum Insulation Resistance	10,000 Meg $\Omega$
Storage Temperature	$-60^\circ\text{C}$ to $150^\circ\text{C}$
Package Power Rating	1.00W, max.

STANDARD VALUES				
R1( $\Omega$ )	R2( $\Omega$ )	R3( $\Omega$ )	R4( $\Omega$ )	Code
50	125	50	125	01
50	125	50	124	01



STANDARD PART ORDERING INFORMATION					
R Code	Package		Ordering Part Number		Part Marking
	Pins	Style	Tubes	Tape & Reel	
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