



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

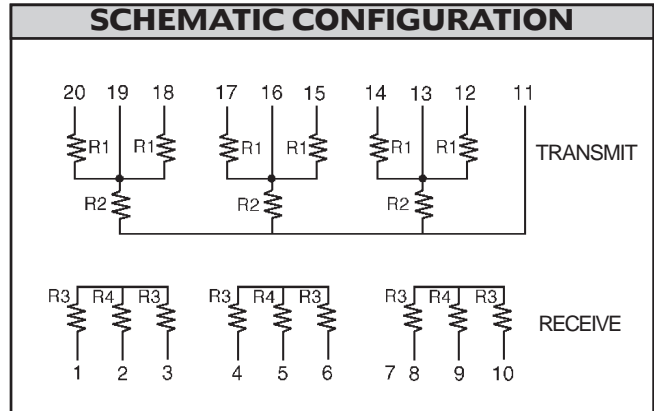
Product Description

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°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



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