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

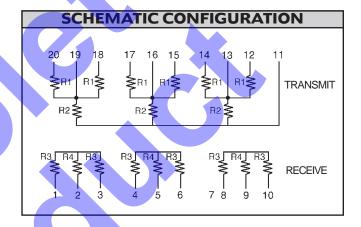
Product Description

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°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				



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

4/00