

PULSE PulseJack™ Filtered Connectors



RJ45 SURFACE MOUNT JACKS

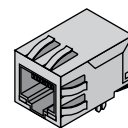
10/100 Base-TX surface mount RJ45 single port (1x1) Tab-UP/DOWN with or without LEDs Integrated Magnetics Connector, designed to support applications such as: Set Top Box and Network Interface Cards (NIC).

Features:

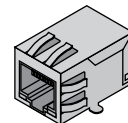
- High performance for maximum EMI suppression
- J3 SMT - Available with or without LEDs
- JOC SMT - Reduced size and low cost alternative to JV Series
- Internal Magnetics: 100% electrically tested for HI-POT & Continuity

Electrical Specifications:

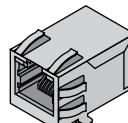
- Meets or exceeds IEEE 802.3 standards for 10/100 Base-T
- Both transmit and receive channels meet IEEE 802.3 specifications
- Minimum 1500Vrms isolation per IEEE 802.3 requirement
- Insertion Loss TX/RX (dB Max.): -1
- Hipot (Vrms Min.) @ 60Hz for 1 minute: 1500



JOC Series



JV0 Series



J30 Series

LED Color: G = Green, Y = Yellow

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratios		EMI Finger	LEDs L/R	Return Loss (dB Min.) 100Q (±15Q)		Common Mode Rejection (dB TYP)		Tab Option	BST Circuit	Price Each		
		TX	RX			1-10 MHz	1-10 MHz	1-50 MHz	50-130 MHz			1	10	100
673-JOC-0004	JOC-0004	1CT:1	1CT:1	Yes	No	-18	-35	-20	-20	Down	No			
673-JOC-0006	JOC-0006	1CT:1	1CT:1	Yes	No	-18	-35	-20	-20	Down	Yes			
673-JV006121	JV006121	1CT:1	1CT:1	Yes	No	-20	-40	-30	-20	Down	No			
673-JV011121	JV011121	1CT:1	1CT:1	Yes	No	-20	-40	-30	-20	Down	Yes			
673-JV026121	JV026121	1CTS:1	1CT:1	Yes	No	-20	-40	-30	-20	Down	Yes			
673-J3006G21D	J3006G21D	1CT:1	1CT:1	Yes	G/Y	-20	-40	-30	-20	Up	No			
673-J3011G21D	J3011G21D	1CT:1	1CT:1	Yes	G/Y	-20	-40	-30	-20	Up	Yes			
673-J3018G21K	J3018G21K	1CTS:1.414	1CT:1	Yes	G/G	-20	-40	-30	-20	Up	Yes			
673-J3026G01D	J3026G01D	1CTS:1	1CT:1	No	G/Y	-20	-40	-30	-20	Up	Yes			
673-J3026G21D	J3026G21D	1CTS:1	1CT:1	Yes	G/Y	-20	-40	-30	-20	Up	Yes			

RJ45 TAB-DOWN JACKS

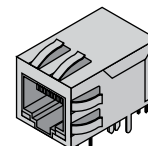
10/100 Base-TX RJ45 1x1 Tab-DOWN with LEDs 8-pin (J0 Series) Integrated Magnetics Connector (ICM), designed to support applications such as: SOHO (ADSL Modems), LAN-on-Motherboard (LOM), Hub and Switches.

Features:

- High performance for maximum EMI suppression
- 1x1 Tab-DOWN RJ45 with integral magnetics
- Available with or without LEDs
- Suitable for CAT 5 & 6 fast ethernet cable or better UTP
- Internal Magnetics: 100% electrically tested for HI-POT & Functionality

Electrical Specifications:

- Meets or exceeds IEEE 802.3 standards for 100 Base-T
- Both transmit and receive channels meet IEEE 802.3 specifications
- 350uH minimum OCL with 8mA bias current
- Minimum 1500Vrms isolation per IEEE 802.3 requirement



For quantities of 500 and up, call for quote.

LED Color: G = Green, Y = Yellow, YG = Bi-Color LED Yellow Green, N/A = None

MOUSER STOCK NO.	Pulse Part No.	Turns Ratios		EMI Finger	LEDs L/R	Insertion Loss TX/RX (dB Max.)	Return Loss (dB Min.) 100Q (±15Q)				Crosstalk (dB TYP)			Common Mode Rejection (dB TYP)		Hipot (Vrms Min.) @60Hz for 1 Min.	Price Each			
		TX	RX				1-65 MHz	1-10 MHz	10-30 MHz	30-60 MHz	60-80 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1-50 MHz		50-150 MHz	1	10	100
673-J0006D21B	J0006D21B	1CT:1	1CT:1	Yes	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0011D21	J0011D21	1CT:1	1CT:1	Yes	N/A	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0011D21B	J0011D21B	1CT:1	1CT:1	Yes	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0024D21	J0024D21	1CT:2	1CT:1	Yes	N/A	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0026D01B	J0026D01B	1CT:1	1CT:1	No	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0033D21	J0033D21	1.25CT:1	1CT:1	Yes	N/A	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0006D01B	J0006D01B	1CT:1	1CT:1	No	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0006D21	J0006D21	1CT:1	1CT:1	Yes	N/A	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0011D01	J0011D01	1CT:1	1CT:1	No	N/A	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0011D01B	J0011D01B	1CT:1	1CT:1	No	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0011D21E	J0011D21E	1CT:1	1CT:1	Yes	G/G	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0012D21	J0012D21	1CT:1	1CT:1	Yes	N/A	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0018D21	J0018D21	1CT:1.414	1CT:1	Yes	N/A	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0024D21B	J0024D21B	1CT:2	1CT:1	Yes	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0026D01	J0026D01	1CT:1	1CT:1	No	N/A	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0026D01F	J0026D01F	1CT:1	1CT:1	No	Y/G	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0026D21	J0026D21	1CT:1	1CT:1	Yes	N/A	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0026D21B	J0026D21B	1CT:1	1CT:1	Yes	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0026D21E	J0026D21E	1CT:1	1CT:1	Yes	G/G	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0026D21F	J0026D21F	1CT:1	1CT:1	Yes	Y/G	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0026D21G	J0026D21G	1CT:1	1CT:1	Yes	Y/G/G	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0035D21B	J0035D21B	1CT:1	1CT:1	Yes	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0048D21M	J0048D21M	1CT:1	1CT:1	Yes	G/G	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J0073D01B	J0073D01B	1CT:2.5	1CT:1	No	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				

RJ45 TAB-UP JACKS

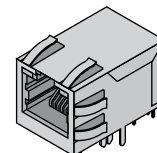
10/100 Base-TX RJ45 1x1 Tab-UP with LEDs 8-pin (J1 Series) and 6-pin (JP Series) Integrated Magnetics Connector (ICM), designed to support applications such as: SOHO (ADSL Modems), LAN-on-Motherboard (LOM), Hub and Switches.

Features:

- High performance for maximum EMI suppression
- 1x1 Tab-UP RJ45 with integral magnetics
- 8 or 6-pin signal versions available
- Available with LEDs
- Suitable for CAT 5 & 6 fast ethernet cable or better UTP
- Internal Magnetics: 100% electrically tested for HI-POT & Functionality

Electrical Specifications:

- Meets or exceeds IEEE 802.3 standards for 100 Base-T
- Both transmit and receive channels meet IEEE 802.3 specifications
- 350uH minimum OCL with 8mA bias current
- Minimum 1500Vrms isolation per IEEE 802.3 requirement



For quantities of 500 and up, call for quote.

LED Color: G = Green, Y = Yellow, G_O = Green/Orange Bi-Color, R = LEDs with resistors

MOUSER STOCK NO.	Pulse Part No.	Turns Ratios		EMI Finger	LEDs L/R	Insertion Loss TX/RX (dB Max.)	Return Loss (dB Min.) 100Q (±15Q)				Crosstalk (dB TYP)			Common Mode Rejection (dB TYP)		Hipot (Vrms Min.) @60Hz for 1 Min.	Price Each			
		TX	RX				1-65 MHz	1-10 MHz	10-30 MHz	30-60 MHz	60-80 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1-50 MHz		50-150 MHz	1	10	100
673-J1006F01P	J1006F01P	1CT:1	1CT:1	No	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J1006F21	J1006F21	1CT:1	1CT:1	Yes	NONE	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J1011F01P	J1011F01P	1CT:1	1CT:1	No	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J1012F01C	J1012F01C	1CT:1	1CT:1	No	Y/G	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J1012F21C	J1012F21C	1CT:1	1CT:1	Yes	Y/G	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J1012F21K	J1012F21K	1CT:1	1CT:1	Yes	G/G	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J1012F21R	J1012F21R	1CT:1	1CT:1	Yes	RG/R/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J1026F01P	J1026F01P	1CT:1	1CT:1	No	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-J1026F21C	J1026F21C	1CT:1	1CT:1	Yes	Y/G	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-JP006821U	JP006821U	1CT:1	1CT:1	Yes	G_O/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-JP011821U	JP011821U	1CT:1	1CT:1	Yes	G_O/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				
673-JP026821U	JP026821U	1CT:1	1CT:1	Yes	G_O/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500				