

SMCJ24

SMCJ24 Information



| Part Number | SMCJ24 | |
|--------------|---|--|
| Manufacturer | Littelfuse Inc. | |
| Category | Circuit Protection TVS - Diodes | |
| Description | TVS DIODE 24VWM 40.85VC SMC | |
| Package | DO-214AB, SMC | |
| | For the pricing/inventory/lead time, please contact | |
| | us | |
| | Website: https://www.heisener.com | |
| | E-mail: salesdept@heisener.com | |



Request a Quote

For Reference Only

Certified Quality

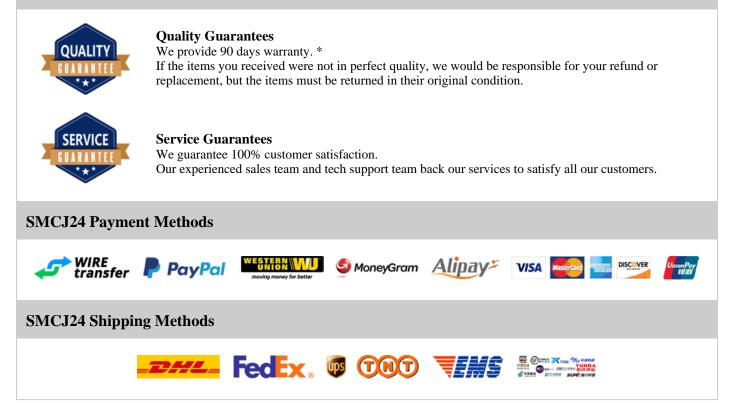
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



SMCJ24 Specifications

| Manufacturer Littelfuse Inc. Category Circuit Protection TVS - Diodes TVS - Diodes Package DO-214AB, SMC Series SMCJ Type Zener Undirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 24/V Voltage - Breakdown (Min) 25.29V Voltage - Clamping (Max) @ Ipp 40.85V Current - Peak Pulse (10/1000µs) 38.6A Power Line Protection No Applications General Purpose Capacitance @ Frequency - Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case DO-214AB, SMC | - | |
|---|----------------------------------|--------------------|
| CategoryCircuit ProtectionTVS - DiodesPackageDO-214AB, SMCSeriesSMCJSperiesSMCJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)24VVoltage - Breakdown (Min)25.29VVoltage - Clamping (Max @ Ipp38.6ACurrent - Peak Pulse (10/100µs)38.6APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Manufacturer Part Number | SMCJ24 |
| TVS - DiodesPackageDO-214AB, SMCSeriesSMCJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)24VVoltage - Breakdown (Min)25.29VVoltage - Clamping (Max) @ Ipp40.85VCurrent - Peak Pulse (10/1000µs)38.6APower Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Manufacturer | Littelfuse Inc. |
| PackageDO-214AB, SMCSeriesSMCJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)24VVoltage - Breakdown (Min)25.29VVoltage - Clamping (Max) @ Ipp40.85VCurrent - Peak Pulse (10/1000µs)38.6APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Category | Circuit Protection |
| NoteSMCJTypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)24VVoltage - Breakdown (Min)25.29VVoltage - Clamping (Max) @ Ipp40.85VCurrent - Peak Pulse (10/1000µs)38.6APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | | TVS - Diodes |
| TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)24VVoltage - Breakdown (Min)25.29VVoltage - Clamping (Max) @ Ipp40.85VCurrent - Peak Pulse (10/1000µs)38.6APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Package | DO-214AB, SMC |
| A1Unidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)24VVoltage - Breakdown (Min)25.29VVoltage - Clamping (Max) @ Ipp40.85VCurrent - Peak Pulse (10/1000µs)38.6APower - Peak Pulse (10/1000µs)1500W (1.5kW)Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Series | SMCJ |
| Bidirectional Channels-Bidirectional Channels-Voltage - Reverse Standoff (Typ)24VVoltage - Breakdown (Min)25.29VVoltage - Clamping (Max) @ Ipp40.85VCurrent - Peak Pulse (10/1000µs)38.6APower - Peak Pulse (10/1000µs)1500W (1.5kW)Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Туре | Zener |
| Voltage - Reverse Standoff (Typ)24VVoltage - Breakdown (Min)25.29VVoltage - Clamping (Max) @ Ipp40.85VCurrent - Peak Pulse (10/100µs)38.6APower - Peak Pulse1500W (1.5kW)Power - Peak PulseNoPower Line ProtectionGeneral PurposeApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Unidirectional Channels | 1 |
| Voltage - Breakdown (Min)25.29VVoltage - Clamping (Max) @ Ipp40.85VCurrent - Peak Pulse (10/1000µs)38.6APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Bidirectional Channels | - |
| Voltage - Clamping (Max) @ Ipp40.85VCurrent - Peak Pulse (10/1000µs)38.6APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCCSupplier Device PackageDO-214AB (SMCJ) | Voltage - Reverse Standoff (Typ) | 24V |
| Current - Peak Pulse (10/1000µs)38.6APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Voltage - Breakdown (Min) | 25.29V |
| Power - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Voltage - Clamping (Max) @ Ipp | 40.85V |
| Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Current - Peak Pulse (10/1000µs) | 38.6A |
| ApplicationsGeneral PurposeCapacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Power - Peak Pulse | 1500W (1.5kW) |
| Capacitance @ Frequency-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Power Line Protection | No |
| Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Applications | General Purpose |
| Mounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Capacitance @ Frequency | - |
| Package / CaseDO-214AB, SMCSupplier Device PackageDO-214AB (SMCJ) | Operating Temperature | -55°C ~ 150°C (TJ) |
| Supplier Device Package DO-214AB (SMCJ) | Mounting Type | Surface Mount |
| | Package / Case | DO-214AB, SMC |
| Report errors? | Supplier Device Package | DO-214AB (SMCJ) |
| | | Report errors? |

SMCJ24 Guarantees



If you have any question about SMCJ24, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com