

FEATURES

- XClampRTM extremely low clamping voltage
- IPPM = 180 A with a 10/1000 μ s waveform
- $T_J = 175^\circ\text{C}$ capability suitable for high reliability and automotive requirement
- Bidirectional
- Low leakage current
- AEC-Q101 qualified - Automotive ordering code: base P/NHM3



**NEW DIODES
RELEASE
JUNE 2022**

VSH p/n	Technology	Package	AEC-Q101 grade	Description
XMC7K24CAHM3/H	XClampR™ TVS	DO-214AB (SMC)	yes	7 kW, 24 V, 5 %, BIDIR XClampR TVS, AEC-Q grade
XMC7K24CAHM3/I	XClampR™ TVS	DO-214AB (SMC)	yes	7 kW, 24 V, 5 %, BIDIR XClampR TVS, AEC-Q grade
XMC7K24CA-M3/H	XClampR™ TVS	DO-214AB (SMC)		7 kW, 24 V, 5 %, BIDIR XClampR TVS, Ind. grade
XMC7K24CA-M3/I	XClampR™ TVS	DO-214AB (SMC)		7 kW, 24 V, 5 %, BIDIR XClampR TVS, Ind. grade
XLD5A24CAHM3/I	XClampR™ TVS	DO-218AB	yes	4.6 kW, 24 V, 5 %, BIDIR XClampR TVS, AEC-Q grade
XLD8A24CAHM3/I	XClampR™ TVS	DO-218AB	yes	6.8 kW, 24 V, 5 %, BIDIR XClampR TVS, AEC-Q grade