

EMI FILTERS WITH ESD PROTECTION Selector Guide

KEY PRODUCT BENEFITS

- 6-channel EMI filter with ESD protection
- Offered in the compact and low profile LLP package
- Choice of a cut-off frequency between 100 MHz to 240 MHz
- Unidirectional clamping behavior
- e4 = pins plated with precious metal (e.g. Ag, Au, NiPD, NiPD (Au) (no Sn))
- RoHS-compliant and halogen-free

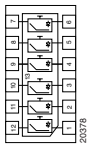


APPLICATIONS

- ESD protection in portable electronics for computers, telecommunications, consumer, industrial, and medical applications

RESOURCES

- See table for product information
- For technical questions, please contact EMIFilter@vishay.com
- Material categorization: for definitions of compliance, please visit www.vishay.com/doc?99912

Part Number	Package	Product Image	Circuit Diagram	V_{RWM} (V)	I_R at V_{RWM} (μA)	V_{BR} at $I_R = 1$ mA (V)	Cut-Off Frequency f_{3dB} (MHz)	R_s Line Resistance (Ω)	C_{IN} at $V_R = 0$ V, $V_{AC} < 100$ mV, $f = 1$ MHz (pF)	ESD Immunity According to IEC 61000-4-2 (kV)	Number of Protected Lines
VEMI65AA-HCI	LLP2513-13L			5	1	6	100	100	60	± 30	6
VEMI65AB-HCI				5	1	6	130	100	40	± 18	6
VEMI65AC-HCI				5	1	6	240	100	20	± 10	6

Note: Click on part number for datasheet, pin placement, 3D models, ordering information, and more