

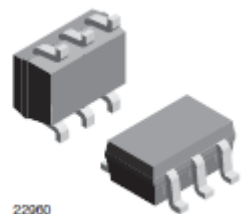
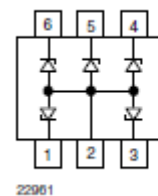
New Vishay Commercial and AEC-Q101 Qualified ESD Protection Diode Arrays in Compact SOT-363 Package

Vishay has announced a new series of commercial and AEC-Q101 qualified ESD protection diode arrays in the compact SOT-363 package.

No.	Device Name / Ordering Code	Package	Type	V _{RWM}
1	VESD05A5-06G-G3-08	SOT-363	Commercial	5 V
2	VESD05A5-06GHG3-08	SOT-363	AEC-Q101	5 V
3	VESD12A5-06G-G3-08	SOT-363	Commercial	12 V
4	VESD12A5-06GHG3-08	SOT-363	AEC-Q101	12 V
5	VESD16A5-06G-G3-08	SOT-363	Commercial	16 V
6	VESD16A5-06GHG3-08	SOT-363	AEC-Q101	16 V
7	VESD26A5-06G-G3-08	SOT-363	Commercial	26 V
8	VESD26A5-06GHG3-08	SOT-363	AEC-Q101	26 V

Features:

- Compact SOT-363 package
- 5-line unidirectional ESD protection
- Working range: 5 V to 26 V
- ESD immunity in accordance with IEC 61000-4-2
 - 20 kV to 30 kV contact discharge
 - 20 kV to 30 kV air discharge
- AEC-Q101 qualified versions available
- Lead plating: Sn (e3)
- Soldering can be checked by standard vision inspection
- Automated optical inspection (AOI)
- Material categorization: for definitions of compliance, please see www.vishay.com/doc?99912



**Advantages:**

- The leads are plated with Sn, which has the best performance in soldering processes
- As this package has the possibility of side soldering, it is preferred for all production processes where an optical inspection is requested. No x-ray is necessary for solder point inspection

Samples:

- Available at Vishay Sample Service Center (VSSC)

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