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Test fixture selection by SMD size

Classi- fication	Test fixture type	Model number	Electrode type	Maximum usable frequency	* Applicable SMD size [code in mm / (EIA code in inch)]* ⁵										Minimum L x W x H (mm)	Maximum L x W x H (mm)
					0201 / (008005)	0402 / (01005)	0603 / (0201)	1005 / (0402)	1608 / (0603)	2012 / (0805)	3216 / (1206)	3225 / (1210)	4520 / (1808)	4532 / (1812)		
LF, 4TP* ¹	SMD, General	16034E	Parallel	40 GHz					▪	▪	▪	▪	▪	▪	0.1 x 0.5 x 0.5	8 x 10 x 10
	SMD, General	16034G	Parallel	120 MHz			▪	▪	▪	▪	▪				0.1 x 0.3 x 0.3	5 x 1.6 x 1.6
	SMD, General	16034H	Parallel	120 MHz					▪	▪	▪	▪	▪	▪	0.1 x 0.6 x 0.6	5 x 15 x 3
	SMD, Tweezers* ³	16334A	Parallel	15 MHz					▪	▪	▪	▪	▪	▪	See Note 7	L < 10
RF, 7 mm* ²	SMD/Lead* ⁴	16092A	Parallel	500 MHz					▪	▪	▪	▪	▪	▪	See Note 6	L < 18
	SMD, General	16192A	Parallel	2 GHz					▪	▪	▪	▪	▪	▪	L > 1	L < 20
	SMD/Lead* ⁴	16194A	Bottom	2 GHz						▪	▪	▪	▪	▪	L > 2	L < 15
	SMD, Coaxial	16196A	Parallel	3 GHz					▪						1608 size only	
	SMD, Coaxial	16196B	Parallel	3 GHz					▪						1005 size only	
	SMD, Coaxial	16196C	Parallel	3 GHz				▪							0603 size only	
	SMD, Coaxial	19196D	Parallel	3 GHz		▪									0402 size only	
	SMD, General	16197A	Bottom	3 GHz					▪	▪	▪	▪	▪		1005 to 3225 sizes only	
	SMD, General	16197A-001	Bottom	3 GHz					▪	▪	▪	▪	▪		0603 to 3225 sizes only	
	SMD, General	16198A	Bottom	3 GHz		▪	▪								0201 to 0402 sizes only	

Notes:

1. LF, 4TP denotes test fixtures for use with four-terminal pair type LCR meters and LF impedance analyzers in low frequency region (< 120 MHz).
2. RF, 7 mm denotes test fixtures for use with RF impedance measurement instruments which have 7 mm coaxial test port.
3. Tweezers type test fixture with 1 meter test leads.
4. Test fixture for measuring SMD and leaded components.
5. Check marks in the table denote the application DUT sizes.
6. Applicable to SMD components with thickness > 0.65 mm. Not suitable for smaller SMD than 1608 type.
7. Minimum SMD size is not specified. Not recommended for smaller than 1608 type because contact repeatability degrades with the reduction of device size.

