

MPN	UNIT
SHEET THICKNESS	mm
OPERATING TEMPERATURE	°C
STORAGE TEMPERATURE	°C
APPLICABLE CENTER FREQ. (GHz)	GHz
<b>STANDARD TESTING CONDITIONS</b>	<b>(JIS K6250)</b>
TEMPERATURE	°C
HUMIDITY	% HR

MANUFACTURER	CONSTRUCTION
MURATA	EMC ABSORBER
MICROWAVE ABSORBER	EMC ABSORBER
MURATA	ADHESIVE TAPE
MICROWAVE ABSORBER	ADHESIVE TAPE

ELECTRICAL PERFORMANCE	
ITEM	
MAGNETIC PERMEABILITY (RELUCTANCE)	3GHz
	6GHzC
	12GHz
Volume resistivity	
Surface Resistivity	

MECHANICAL PERFORMANCE	
ITEM	
Tensile strength (Mpa)	
Elongation (%)	
Hardness (DUROMETER type A)	
Specific gravity	
Adhesive Tape strength (N/cm )	

ENVIRONMENTAL PERFORMANCE	MURATA
	EA1026A
Heat Resistance	TEMP: 100 °C +/- 1 °C TIME : 96H (+2h, -0h)
Cold Resistance	TEMP: -40 °C +/- 1 °C TIME : 96H (+2h, -0h)
Humidity	TEMP: 60 °C +/- 1 °C HUMIDITY: 90-95% RH TIME : 96H (+2h, -0h)
Temperature Cycle	-40 °C x 60 min, 80 °C x 60 min => 20 cycles

MURATA		MICROWAVE ABSORBER
EA1026A100M	EA1026A160M	MS-115TK
1.0 +/- 0.1mm	1.6 +/- 0.1mm	1.6 +/- 0.1mm
-40 to +80	-40 to +80	-40 to +80
-40 to +80	-40 to +80	-40 to +80
20	11.5	11.5
23	23	tba
45% - 55%	45% - 55%	tba

MATERIAL
Composite Magnetic material and Silicon Rubber
Carbonyl - Fe and Silicon Rubber
no. 500 of Nitto Denko
no. 500 of Nitto Denko

MURATA - EA1026A		MICROWAVE ABSORBER
SPECS	TEST METHOD	SPECS
0.5 min.	S-PARAMETER METHOD	
0.5 min.		
0.5 min.		
$1.0 \times 10^{10}$ min.		$1.0 \times 10^{10}$ min.
$1.0 \times 10^{10}$ min.		$1.0 \times 10^7$ min.

MURATA - EA1026A		MICROWAVE ABSORBER
SPECS	TEST METHOD	SPECS
2 min.	JIS K6251	
120 min.		
60 +/- 10	JIS K6253	60 +/- 5
2.9 +/- 0.2	JIS Z8807	2.9 +/- 0.1
4.0 min.	JIS Z1528	4.0 min.

MICROWAVE ABSORBER
MS-115TK
TEMP: 100 °C TIME : 1000h
TEMP: -40 °C TIME : 1000 h
TEMP: 85 °C HUMIDITY: 85% RH TIME : 1000 h
-40 °C x 30 min, 85 °C x 30 min => 1000 cycles

<b>BSORBER</b>
<b>MS-220TK</b>
1.0 +/- 0.1mm
-40 to +80
-40 to +80
20
tba
tba

<b>R MS-115 / 220TK</b>
<b>TEST METHOD</b>
O-RING METHOD

<b>R MS-115 / 220TK</b>
<b>TEST METHOD</b>
JIS K6253
JIS Z8807
JIS Z1528