

Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for General Electronic Equipment

MSAST32MAB5476MPNDT1 (Previous PN: TMK325ABJ476MM-P)



■ Features

- Item Summary
47uF $\pm$ 20%, 25V,
X5R, 1210/3225 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- Standard packaging quantity (minimum)
Taping Embossed 1000pcs

■ Products characteristics table

Capacitance	47 uF $\pm$ 20 %
Case Size (EIA/JIS)	1210/3225
Rated Voltage	25 V
$\tan \delta$ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
Capacitance Change(EIA)	$\pm$ 15 %
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M Ω · μ F
Derating	STD
RoHS Compliance (10 subst.)	Yes
REACH Compliance (251 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	3.2 $\pm$ 0.30 mm
Dimension W	2.5 $\pm$ 0.30 mm
Dimension T	2.5 $\pm$ 0.30 mm
Dimension e	0.60 $\pm$ 0.30 mm

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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
TAIYO YUDEN reserves the right to make change to the Data at any time without notice.
Before making final selection, please check product specification.