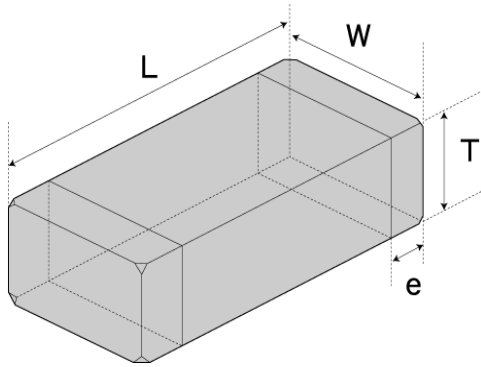


## Spec Sheet

High Value Multilayer Ceramic Capacitors (High dielectric type)

# MSASE32MSB5476MPNA01 (Previous PN:EMK325 BJ476MM-P)



### ■ Features

- Item Summary  
16V, X5R, 47 $\mu$ F,  $\pm$ 20%  
1210/3225(EIA/JIS)
- Standard packaging quantity (minimum)  
Taping Embossed 1000pcs

### ■ Products characteristics table

CaseSize (EIA/JIS)	1210/3225
Rated Voltage (max)	16V
Capacitance	47 $\mu$ F
Capacitance Tolerance	$\pm$ 20%
Insulation Resistance (min)	100M $\Omega$ · $\mu$ F
Tan $\delta$ (%)	10%
Temperature Characteristics	X5R
Temperature Range (EIA/JIS)	-55 to +85 °C
High Temperature Loading (% Rated Voltage)	150%
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 subst.)	Yes
Halogen Free	Yes
Soldering Method	Reflow

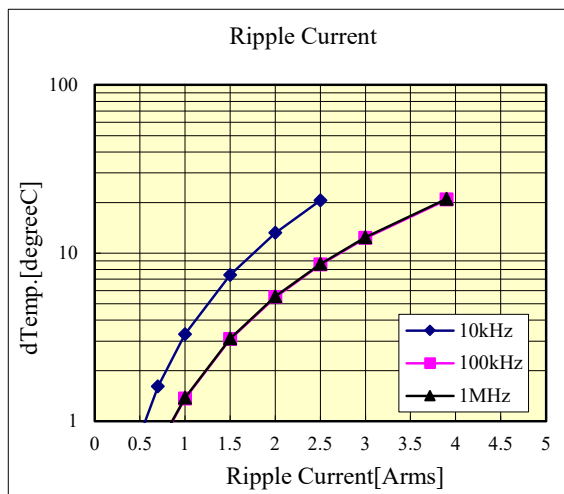
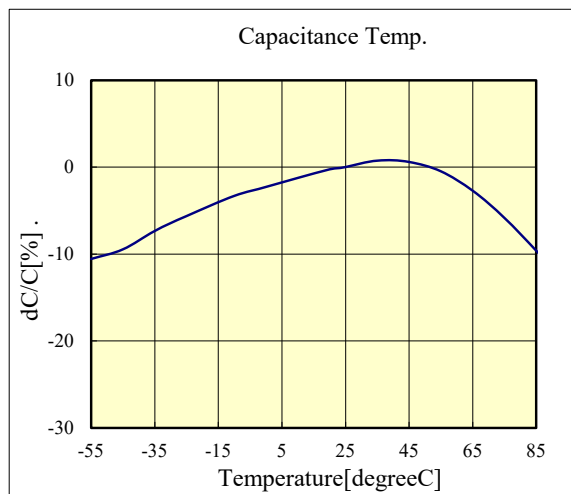
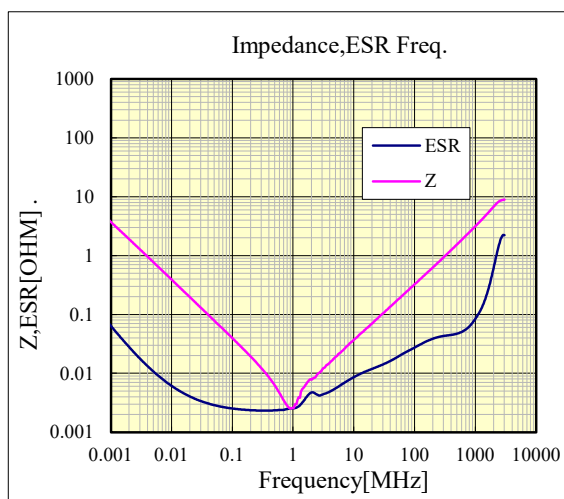
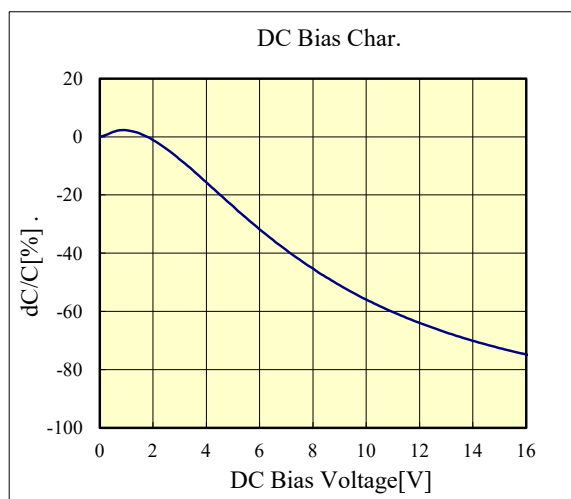
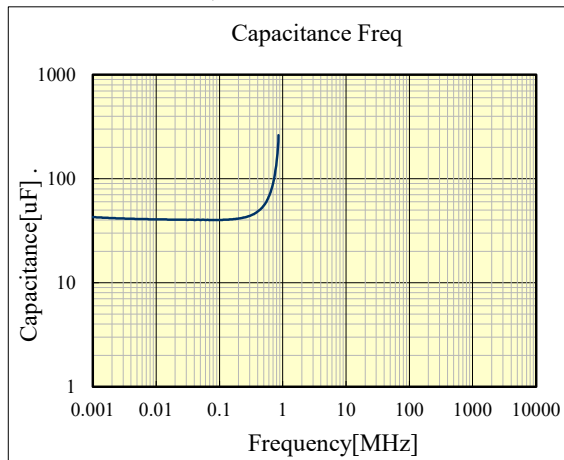
### ■ External Dimensions

L	3.2 $\pm$ 0.3 mm
W	2.5 $\pm$ 0.2 mm
T	2.5 $\pm$ 0.2 mm
e	0.6 $\pm$ 0.3 mm

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.

○MSASE32MSB5476MPNA01\_(EMK325 BJ476MM-P)

16V 3225 X5R 47uF +/- 20% t=2.7mmMAX  
16V 1210 X5R 47uF +/- 20% t=0.106inchMAX



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