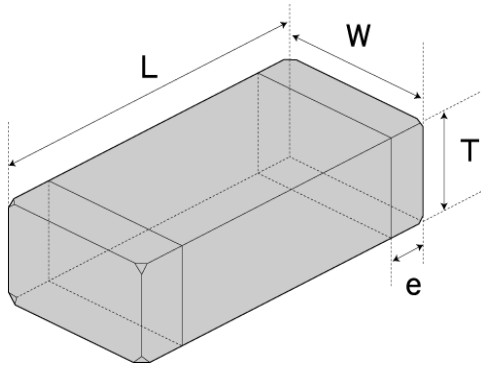


Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for Automotive (BODY & CHASSIS, INFOTAINMENT) / Industrial Applications

MCASU32MSC7106KPNB32(Previous PN:UMK325 C7106KMHPB)



■ Features

- Item Summary
50V, X7S, 10uF, $\pm 10\%$
1210/3225(EIA/JIS)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 1000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	1210/3225
Rated Voltage (max)	50V
Capacitance	10uF
Capacitance Tolerance	$\pm 10\%$
Insulation Resistance (min)	500M Ω ·uF
Tan δ (%)	2.5%
Temperature Characteristics	X7S
Temperature Range (EIA/JIS)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	150%
RoHS2 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

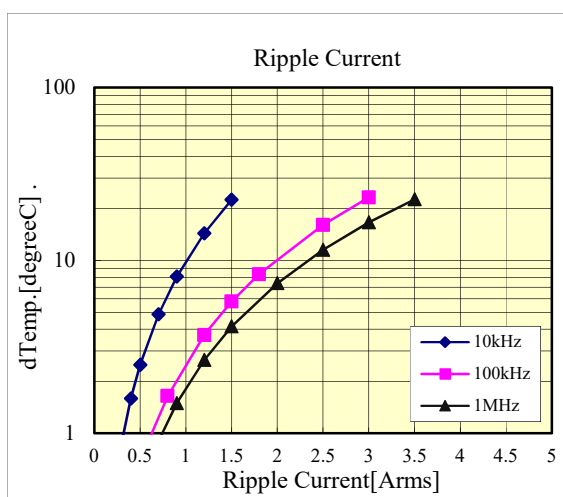
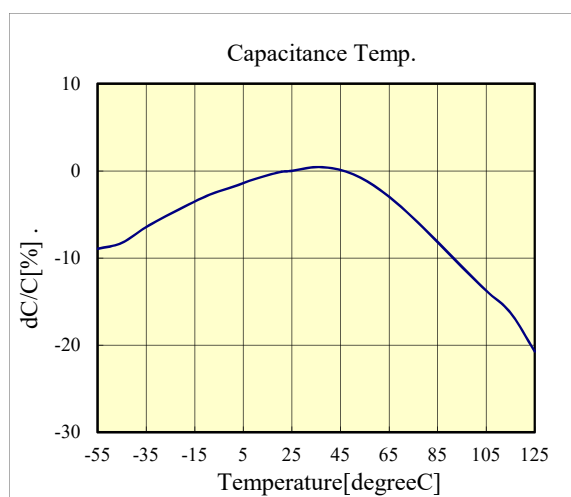
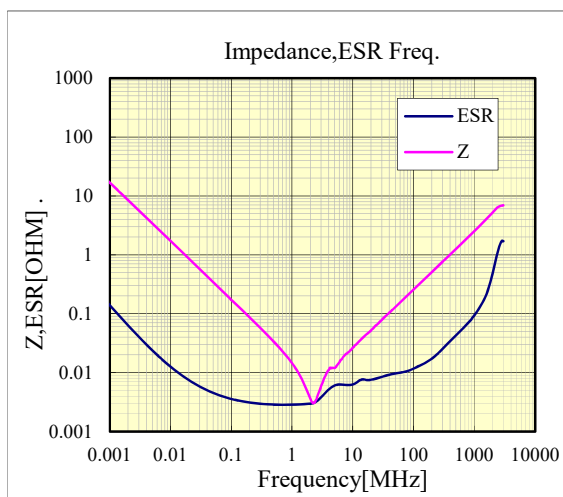
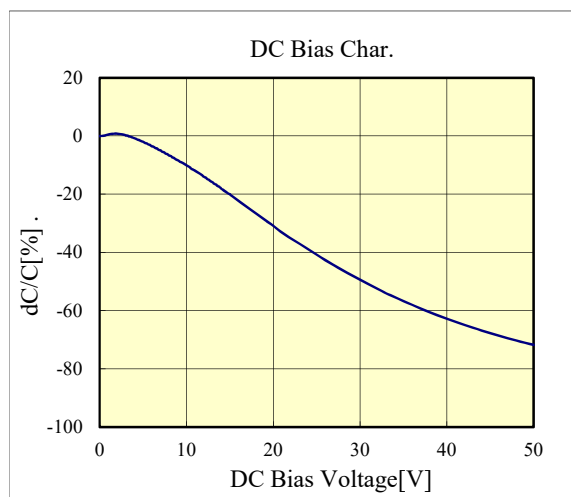
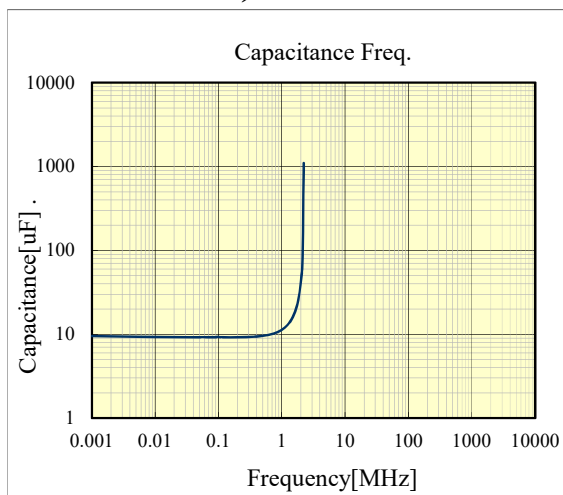
Note: The products are tested based on the test conditions and methods defined in AEC-Q200.

Please consult with TAIYO YUDEN for the details of the product specification and AEC-Q200 test results, etc., and please review and approve TAIYO YUDEN's product specification before ordering.

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.

○MCASU32MSC7106KPNB32_(UMK325 C7106KMHPB)

50V 3225 X7S 10uF +/- 10% t=2.7mmMAX
50V 1210 X7S 10uF +/- 10% t=0.106inchMAX



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