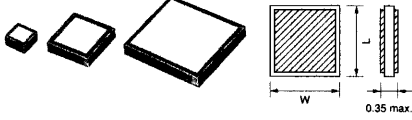


HIGH-FREQUENCY MICROCHIP CAPACITORS

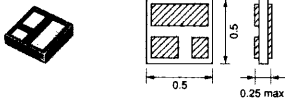
High-Frequency CLB Series (Gold Electrode)

Wire bonding type is available.

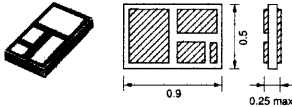
CLB11, 15, 12, 16, 17
13, 18, 19, 10 Type



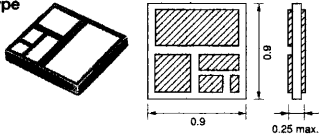
CLB32 Type



CLB44 Type



CLB53 Type



(in mm)

▨ : Gold Electrode

Part Number	Temp. Char. ● / Cap. Va (pF) ●					Dimensions (mm)	
	CG	UH	XL	B	F	L	W (max.)
CLB11 ●●●●	0.1-0.2	0.3-0.9	0.8-1.8	2.0-18	27-51	0.25	0.35
CLB15 ●●●●	0.2-0.8	0.9-2.7	1.8-5.1	5.1-56	62-150	0.38	0.71
CLB12 ●●●●	0.3-1.0	1.0-3.0	2.2-5.6	5.6-68	75-200	0.50	0.70
CLB16 ●●●●	0.3-1.6	2.0-6.2	3.6-11	10-120	130-360	0.64	1.00
CLB17 ●●●●	0.4-2.0	3.0-7.5	5.6-15	15-130	200-390	0.76	1.09
CLB13 ●●●●	0.5-2.7	3.3-9.1	6.2-18	16-180	200-560	0.90	1.49
CLB18 ●●●●	1.0-5.1	7.5-20	15-36	33-390	430-1300	1.27	2.19
CLB19 ●●●●	1.8-10	13-39	27-75	62-750	750-1800	1.78	2.95
CLB10 ●●●●	3.0-16	20-56	39-110	91-1200	1200-3000	2.29	3.71
CLB32 ●●●●	—	0.7*	1.5*	—	—	0.5	0.5
CLB44 ●●●●	—	1.5*	3.0*	—	—	0.5	0.9
CLB53 ●●●●	—	3.0*	5.9*	—	—	0.9	0.9

*Cap. Value for Longest Plates *Custom-made types are available upon request.

● Capacitance value steps are in accordance with EIA E24 steps. However, capacitance values below 1pF are treated as belonging to 0.1pF step.

Part Numbering (* Please specify the part number when ordering.)

(Ex.)

CLB 1 2 UH 1R3 K

- : Type
- : Number of Electrodes
- : Chip Size

- : Temperature Characteristic
CG : 0±30ppm/°C
UH : N750±60ppm/°C
XL : N2200±500ppm/°C
B : ±10%
F : +30%, -80%

- : Capacitance Tolerance
T.C.
CG, UH : less than 1pF — B : ±0.1pF
XL, B : 1pF and over — K : ±10%
F : all — M : ±20%

- : Capacitance Value
1.3pF=1R3
27pF=270

- Feature 1. Operation at over 10GHz possible.
- 2. Gold electrodes provide superior adhesion for die bonding and gold wire bonding.

HIGH-FREQUENCY COAXIAL CONNECTORS

Connectors

SMA Type

MM1244-1CC

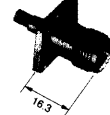


MM1215



TNC Type

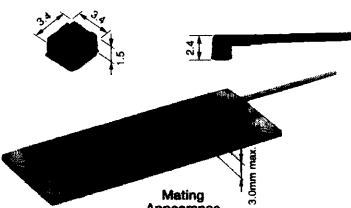
MM1456-2



FSC Type

MM7329-2700 □□□□

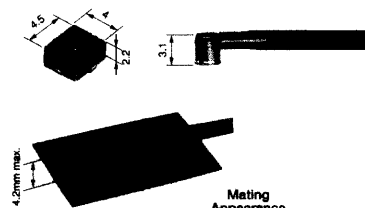
MXFK81 □□□□□□□□



CCR Type

MM4329-2700 □□□□

MXSG63XX □□□□□□

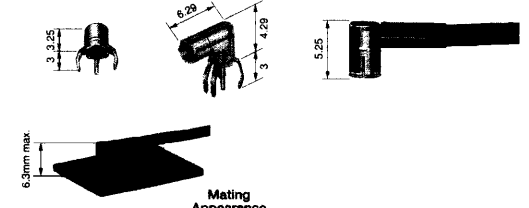


BFA Type

MM3325-2505

MM3326-2506

MXYP62XX □□□□□□



(in mm)

Features

- Many other types of connector are available upon request.
- High performance and high reliability.
- Products for millimeter wave and for SMT available.
- SMA type connectors have been authorized by National Space Development Agency of Japan.
- For special versions please consult our sales representative or engineer.

Minimum Quantity (order in sets only)

Part Number	Packaging Quantity	Diameter of Reel
MM4329-2700TB1	500pcs./reel	178mm
MM4329-2700TB2	3000pcs./reel	330mm
MM7329-2700TB1	1000pcs./reel	178mm
MM7329-2700TB2	4000pcs./reel	330mm

Type	Voltage (V)	Frequency (GHz)	Nominal Impedance (Ω)	Operating Temp. Range (°C)	V.S.W.R.(max.) (f:GHz)	Insertion Loss (dB) max.	Features
SMA	500	DC to 18	50	-65 to +125	1.02+0.005f	0.03 √f	Up to MIL-C-39012
SSMA	250	DC to 18	50	-65 to +125	1.07+0.01f	0.04 √f	2/3 of SMA Size
N	500	DC to 11	50	-65 to +125	1.08+0.008f	0.05 √f	Solidity
TNC	500	DC to 15	50	-65 to +125	1.07+0.007f	0.06 √f	Antivibration
BFA	250	DC to 4	50	-40 to +90	1.2	—	Small/High Performance
CCR	250	DC to 2	50	-40 to +90	1.2	—	SMT Low Profile
FSC	250	DC to 3	50	-40 to +90	1.2	—	SMD for High Density

Adapters

In-series adapters and between-series adapters are also available.

MM1209A



MM121020



Cable Assemblies

Many variations of cable assembled connectors are available.

