

Drop-in circulators / isolators (General use; 3 to 80GHz)

Features

- Broad choice of products covering a wide frequency range.
- Furnished with tab terminals that allow easy connection with strip lines.
- Easy mounting with screws in carrier type isolators.
- Minimum space requirement due to minute size.
- Revolutionary high-power isolators boasting a 10W.CW power absorption capability.

Applications

- Microwave radio equipment
- Satellite communications equipment
- Satellite broadcasting equipment
- Microwave amplifiers
- Microwave oscillators
- Radars
- Wireless LAN

Carrier type circulators

Specifications

Part No.	Frequency range (GHz)	Isolation (dB)min.	Insertion loss (dB)max.	Reflection loss (dB)min.	V.S.W.R. (50Ω)max.	Handling power (W.CW)	Power absorption (W.CW)	Operating temp. range (°C)	Carrier shape No.	Document No. MW-C-○○○
CK-□02802△801	2.7 ~ 2.9	18	0.7	19	1.25	10	—	-10 ~ +60	80	136
CK-□11825△441	10.5 ~13.0	18	0.5	19	1.25	5	—	-30 ~ +70	44	101
CK-□13128△441	11.7 ~14.5	18	0.5	19	1.25	5	—	-30 ~ +70	44	102
CK-□14520△441	13.5 ~15.5	18	0.5	19	1.25	5	—	-30 ~ +70	44	100

Remarks) □ : Rotational direction △ : C = Without tab, G = With silver-plated copper tab, L = With pure-gold tab

Carrier type isolators for high-power absorption

Specifications

Part No.	Frequency range (GHz)	Isolation (dB)min.	Insertion loss (dB)max.	Reflection loss (dB)min.	V.S.W.R. (50Ω)max.	Handling power (W.CW)	Power absorption (W.CW)	Operating temp. range (°C)	Carrier shape No.	Document No. MW-C-○○○
CK-□P03906△701	3.6 ~4.2	20	0.4	21	1.2	20	10	-10 ~ +60	70	068
CK-□P04708△701	4.3 ~5.1	20	0.4	21	1.2	20	10	-10 ~ +60	70	086
CK-□P05509△701	5.0 ~5.9	20	0.4	21	1.2	20	10	-10 ~ +60	70	074
CK-□P06514△611	5.8 ~7.2	20	0.4	21	1.2	20	10	-10 ~ +60	61	069
CK-□P07013△611	6.3 ~7.6	20	0.4	21	1.2	20	10	-10 ~ +60	61	082
CK-□P07915△611	7.1 ~8.6	20	0.4	21	1.2	20	10	-10 ~ +60	61	070
CK-□P11825△411	10.5 ~13.0	18	0.5	19	1.25	10	5	-30 ~ +70	41	083
CK-□P13128△411	11.7 ~14.5	18	0.5	19	1.25	10	5	-30 ~ +70	41	084
CK-□P14520△411	13.5 ~15.5	18	0.5	19	1.25	10	5	-30 ~ +70	41	085

Remarks) □ : Rotational direction △ : D = Without tab, H = With silver-plated copper tab, M = With pure-gold tab