

Carrier type isolators (2.7 to 15.5 GHz)

Specifications

Part No.	Frequency range (GHz)	Isolation (dB)min.	Insertion loss (dB)max.	Reflection Loss (dB)max.	V.S.W.R. (50Ω)max	Handling Power (W.CW)	Power Absorption (W.CW)	Operation temp. Range(°C)	Carrier Shape No.	Document No. MW-C-000
CK- □02802Δ801A	2.7~2.9	18	0.7	19	1.25	10	2	-10~+60	80	134
CK- □03103Δ802A	2.9~3.2	18	0.5	19	1.25	10	2	-10~+60	80	135
CK- □03501Δ701A	3.4~3.5	20	0.4	21	1.2	10	2	-10~+60	70	094
CK- □03906Δ701A	3.6~4.2	20	0.4	21	1.2	10	2	-10~+60	70	030
CK- □P03906Δ701A	3.6~4.2	20	0.4	21	1.2	20	10	-10~+60	70	068
CK- □04708Δ701A	4.3~5.1	20	0.4	21	1.2	10	2	-10~+60	70	038
CK- □P04708Δ701A	4.3~5.1	20	0.4	21	1.2	20	10	-10~+60	70	086
CK- □05509Δ701A	5.0~5.9	20	0.4	21	1.2	10	2	-10~+60	70	033
CK- □P05509Δ701A	5.0~5.9	20	0.4	21	1.2	20	10	-10~+60	70	074
CK- □06514Δ611A	5.8~7.2	20	0.4	21	1.2	10	2	-10~+60	61	031
CK- □P06514Δ611A	5.8~7.2	20	0.4	21	1.2	20	10	-10~+60	61	069
CK- □06514Δ701A	5.8~7.2	20	0.4	21	1.2	10	2	-10~+60	70	117
CK- □07013Δ611A	6.3~7.6	20	0.4	21	1.2	10	2	-10~+60	61	035
CK- □P07013Δ611A	6.3~7.6	20	0.4	21	1.2	20	10	-10~+60	61	082
CK- □07915Δ611A	7.1~8.6	20	0.4	21	1.2	10	2	-10~+60	61	036
CK- □P07915Δ611A	7.1~8.6	20	0.4	21	1.2	20	10	-10~+60	61	070
CK- □07915Δ701A	7.1~8.6	20	0.6	21	1.2	10	2	-10~+60	70	118
CK- □10040Δ511	8.0~12.0	16	0.6	15.5	1.4	10	2	-20~+80	51	058
CK- □09623Δ511	8.4~10.7	18	0.5	19	1.25	10	2	-10~+60	51	037
CK- □11825Δ402A	10.5~13.0	18	0.5	19	1.25	1	0.25	-30~+70	40	025
CK- □11825Δ411A	10.5~13.0	18	0.5	19	1.25	5	1	-30~+70	41	075
CK- □P11825Δ411A	10.5~13.0	18	0.5	19	1.25	10	5	-30~+70	41	083
CK- □11825Δ441	10.5~13.0	18	0.5	19	1.25	1	0.25	-15~+70	44	128
CK- □13128Δ402A	11.7~14.5	18	0.5	19	1.25	1	0.25	-30~+70	40	027
CK- □13128Δ411A	11.7~14.5	18	0.5	19	1.25	5	1	-30~+70	41	024
CK- □P13128Δ411A	11.7~14.5	18	0.5	19	1.25	10	5	-30~+70	41	084
CK- □13128Δ441	11.7~14.5	18	0.5	19	1.25	1	0.25	-30~+70	44	106
CK- □14520Δ402A	13.5~15.5	18	0.5	19	1.25	1	0.25	-30~+70	40	077
CK- □14520Δ411A	13.5~15.5	18	0.5	19	1.25	5	1	-30~+70	41	081
CK- □P14520Δ411A	13.5~15.5	18	0.5	19	1.25	10	5	-30~+70	41	085
CK- □14520Δ441	13.5~15.5	18	0.5	19	1.25	1	0.25	-30~+70	44	127

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

Shapes and dimensions

Carrier shapes [Unit : mm]	Shape 80	Shape 70	Shape 61
Carrier thickness	1.2	1.2	1.2
Terminal height	2.2	2.2*1	1.85
Mounted height	6.0max.	6.0max.	5.5max.

Carrier shapes [Unit : mm]	Shape 52	Shape 51	Shape 44
Carrier thickness	1.0	1.0	0.3
Terminal height	1.65	1.65	1.0
Mounted height	4.0max.	5.5max.	5.0max.

Carrier shapes [Unit : mm]	Shape 41	Shap40
Carrier thickness	1.0	1.0
Terminal height	1.65	1.65
Mounted height	5.5max.	5.5max.

*1 : The terminal height of CK- □05509 Δ 701 IS 1.85MM.