

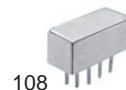
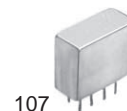
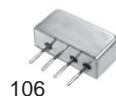
MIXERS

DOUBLE -BALANCED

$LO = +7 \text{ dBm}$

LOW POWER CONSUMPTION

THROUGH HOLE (MINI-RELAY)



FREQUENCY RANGE (MHz)		CONVERSION LOSS (dB)		LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			PACKAGE	PIN OUT	MODEL
RF/LO	IF	XMB TYP/MAX	FULL BAND TYP/MAX	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN			
0.01-125	DC-125	5.5/6	6/6.5	60/50	50/40	40/35	60/45	50/35	40/30	105	1	CLP-302
0.025-200	DC-200	5.5/6	6/7	65/55	55/45	45/35	60/50	45/35	35/30	105	1	CLP-312
0.04-400	DC-400	5.5/7	6/8	60/50	50/35	35/25	55/40	45/30	35/25	106	1	CLP-3P3
0.1-500	DC-500	6/7	7/8	65/40	60/40	50/30	45/30	50/35	35/20	106	1	CLP-301
0.5-1000	DC-1000	5.5/7	7/8.5	70/40	45/35	40/25	60/40	40/30	30/20	106	1	CLP-303
5-1250	DC-1250	6/7.5	7.5/8.5	50/45	40/30	30/25	45/40	35/25	25/20	106	1	CLP-3M5
5-1500	DC-1000	6.5/8.5	8/9.5	60/45	35/25	30/25	60/40	35/15	25/14	106	1	CLP-3L5
20-1500	DC-1000	7.5/8.5	8/9	60/35	40/25	25/20	50/30	40/25	20/12	106	1	CLP-311
1-2000	5-600	7/8.5	7.5/9	50/45	35/25	25/10	45/40	27/20	25/20	105	1	CLP-3D6
10-2000	5-600	7/8.5	7.5/9	60/35	40/25	40/20	50/30	30/20	25/15	105	1	CLP-309
800-2500	DC-400	--/--	6.5/8.5	30/20	30/20	30/20	20/10	20/10	20/10	106	1	CLP-304
1000-3500	DC-1000	--/--	7.5/9.5	30/17	30/17	30/17	20/8	20/8	20/8	106	1	CLP-307
0.01-125	DC-125	5.5/6	6/6.5	60/50	50/40	40/35	60/45	50/35	40/30	107	2	CLP-402
0.025-200	DC-200	5.5/6	6/7	65/55	55/45	45/35	60/50	45/35	35/30	107	2	CLP-412
0.1-500	DC-500	5.5/7	6.5/8.5	60/50	50/35	35/30	50/40	45/30	30/20	107	2	CLP-4A3
0.1-500	DC-500	6/7	7/8	65/40	60/40	50/30	45/30	50/35	35/20	108	2	CLP-401
1-600	DC-600	6/7.5	6.5/8.5	60/45	45/35	35/25	55/45	40/30	35/25	108	2	CLP-4N4
1-600	DC-600	5.5/7	6.5/8.5	55/45	45/30	35/20	50/40	40/25	30/20	107	2	CLP-4A4
0.5-1000	DC-1000	5.5/7	7/8.5	70/40	45/35	40/25	60/40	40/30	30/20	108	3	CLP-403
1-1000	DC-1000	6/7.5	7/9.5	55/45	40/25	35/20	50/40	40/25	30/25	107	3	CLP-4B4
1-1000	DC-1000	6/7.5	7/10	55/45	40/20	35/18	50/40	40/20	25/18	108	2	CLP-4Q4
5-1250	0.5-1000	6.5/8.5	6.5/8.5	55/40	35/25	30/20	50/40	35/25	30/20	107	4	CLP-4B5
5-1500	0.5-1000	6.5/7.5	6.5/8.5	55/40	35/25	30/20	50/40	35/25	30/20	107	4	CLP-4C5
20-1500	DC-1000	7.5/8.5	8/9	60/35	40/25	25/20	50/30	40/25	20/12	107	3	CLP-411

NOTES:

- 1dB Compression Point = +1 dBm (Typ)
- IP3 (Input) = +13 dBm (Typ)
- Maximum Input Power without damage = 100 mW ave. cw

XMB= 2LF to HF/2
 FULL BAND = LF to HF
 LB= LF to 10LF
 MB = 10LF to HF/2
 UB= HF/2 to HF

PIN-OUT TABLE

	RF	LO	IF	GND	CASE GND
#1	1	4	2	3	3
#2	1	8	*3,4	2,5,6,7	2
#3	1	8	*3,4	2,5,6,7	2,5,6,7
#4	*3,4	8	1	2,5,6,7	2,5,6,7

* Pins must be connected together externally
 GND = Ground externally
 For pin location and package outline drawings, see back pages.