

# KYOCERA Surface Mount RF Package Open Tooling for Customers' Engineering Evaluation











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[Unit : mm] (unless otherwise specified)

No.	1	2	3	4	5	6	7
FREQUENCY [Hz]	up to 33G	up to 33G	up to 40G	up to 40G	up to 43G	up to 43G	up to 48G
STRUCTURE (CROSS SECTION)							
OUTER LEAD COUNT	12	12	16	26	16	24	16
RF PORT	4	4	2	6	2	4	2
DC PORT	4	4	6	12	6	12	6
CAVITY DIMENSION	2.465SQ.	2.465SQ.	2.8x3.06	5.9SQ.	3.2x3.06	6.25x4.3	3.2x3.06
CAVITY DEPTH	0.18	0.18	0.5	-	0.15	0.15	0.15
D/A AREA MATERIAL	CERAMIC	CERAMIC	Fe-Ni-Co	CERAMIC	Cu-Mo	Cu-Mo	Cu-Mo
SEAL RING	METALLIZATION	Fe-Ni-Co	METALLIZATION	METALLIZATION	METALLIZATION	METALLIZATION	(ALUMINA COAT)
CERAMIC OUTER DIMENSION	6.35SQ.	6.35SQ.	7.16SQ.	10.58SQ.	7.16SQ.	10.21x8.26	7.16SQ.
CERAMIC THICKNESS	0.38	0.38	0.5	0.5	0.5	0.5	0.5
STRIP LEAD	30pcs	30pcs	30pcs	30pcs	30pcs	-	30pcs
DRAWING NUMBER	PGMR-99011-B	PGMR-99408-A	PGMR-A0470-A	PGMR-A1329	PGMR-A2402 PGMR-A4484	REFR-A2416-B	PGMR-A2463
MATCHING LID DRAWING NUMBER	PGMR-A1042-A (METAL LID)	NOT AVAILABLE	NOT AVAILABLE	PGMR-A1364-A (METAL LID)	NOT AVAILABLE	PGMR-A3001 (CERAMIC LID)	NOT AVAILABLE



[Unit : mm] (unless otherwise specified)

No.	8	9	10	11	12	13	14	15
FREQUENCY [Hz]	up to 40G	up to 40G	up to 40G	up to 40G	up to 40G	up to 40G	up to 40G	up to 35G
STRUCTURE (CROSS SECTION)								
OUTER LEAD COUNT	LEADLESS	LEADLESS	LEADLESS	LEADLESS	LEADLESS	LEADLESS	LEADLESS	LEADLESS
RF PORT	2	2	2	2	2	2	2	2
DC PORT	6	10	10	10	12	12	12	8
CAVITY DIMENSION	2.0SQ.	3.0SQ.	3.0SQ.	3.0SQ.	4.0SQ.	4.0SQ.	4.0SQ.	5.0SQ.
CAVITY DEPTH	0.023	0.203	0.203	0.203	0.203	0.203	0.203	0.203
D/A AREA MATERIAL	Cu-Mo (210W/mK)	Cu-Mo (210W/mK)	Cu (391W/mK)	Cu-Mo (210W/mK)	Cu-Mo (210W/mK)	Cu (391W/mK)	Cu-Mo (210W/mK)	Cu-Mo (210W/mK)
SEAL RING	METALLIZATION	METALLIZATION	METALLIZATION	NO SEAL RING	METALLIZATION	METALLIZATION	NO SEAL RING	METALLIZATION
CERAMIC OUTER DIMENSION	5.0SQ.	6.0SQ.	6.0SQ.	6.0SQ.	7.0SQ.	7.0SQ.	7.0SQ.	7.0SQ.
CERAMIC THICKNESS	0.635	0.635	0.635	0.635	0.635	0.635	0.635	0.813
STRIP LEAD	-	-	-	-	-	-	-	-
DRAWING NUMBER	REFR-B1191	REFR-B1192	REFR-B2150	SGMR-B3479	REFR-B1193-A	REFR-B2151	SGMR-B3480	SGMR-B6153
MATCHING LID DRAWING NUMBER	SGMR-A9634-A	SGMR-A9635-B	SGMR-A9635-B	NOT AVAILABLE	SGMR-A9636-A	SGMR-A9636-A	NOT AVAILABLE	SGMR-B6239