

**High-speed high-frequency sheet parameter list**

Brand	Model	Resin type	Specification							Application
			DK	DF	Tg	Td	Z-CTE	T288	absorption	
			(1GHZ)	(1GHZ)	(DSC)	(TGA)	(50-260)	(min)	(%)	
SYST	S7439 (EL230T)	/	3.8	0.0045	200℃	380℃	/	>60min	0.08%	Network equipment, measuring equipment
	S7240	/	3.9	0.005	200℃	360℃	2.00%	>60min	0.10%	Backplane, server, router
	EL190T	/	4.3	0.011	220℃	345℃	/	20min	/	/
	FL700	/	3.7	0.003	205℃	350℃	/	20min	/	/
	FL700LD	/	3.5	0.0025	205℃	350℃	/	20min	0.24%	/
ITEQ	IT200LK	/	3.8	0.01	200℃	350℃	2.50%	30min	0.10%	/
	IT150DA	/	3.56	0.0047	172℃	350℃	3.81%	30min	0.12%	/
ISOLA	FR408	FR4+Hydr	3.77	0.011	180℃	360℃	3.50%	20	0.15%	/
	FR408HR	ocarbon	3.68	0.009	200℃	370℃	2.80%	30	0.06%	/
	IS680-345	/	3.45	0.0035	192℃	376℃	2.90%	60min	0.10%	/
NECLO	N4103-13	CE(Cyanate ester)	3.7	0.009	210℃	365℃	3.40%	10	0.10%	Automotive, aerospace, defense,
	N4103-13EP		3.7	0.009	210℃	350℃	3.50%	10+	0.10%	
	N4103-13		3.4	0.008	210	365℃	3.50	10+	0.10%	

	SI				°C		%			communications infrastructure, semiconductors, high-speed data
	N4103-13 EPSI		3.4	0.008	210 °C	350 °C	3.20 %	10+	0.10%	
	Mercuryw ave 9350	/	3.7	0.004	200 °C	360 °C	2.50 %	40min	0.15%	
Panas onic	M4 (R5725)	FR4+ PPO	3.8	0.005	175 °C	362 °C	2.80 %	30	0.14%	
	M6 (R5775K)	PPO	3.6	0.002	185 °C	410 °C	/	60min	0.14%	
TUC	TU-872/S LK	/	3.8	0.008	200 °C	340 °C	/	20min	/	/
	TU-872/S LKSP	/	/	/	/	/	/	/	/	/
EMC	EM828	/	3.7	0.008	170 °C	380 °C	/	30min	/	/
HITA CHI	FX-2	/	3.5	0.002	180 °C	350 °C	/	60min	0.03%	/
	MCL-LX-67	/	3.5	0.005	235 °C	/	/	/	0.03%	/
ROG ERS	RO4350B	Hydr ocarb on+c erami cs	3.48	0.0031	280 °C	390 °C	0.63 %	60min	0.06%	Satellite TV LNB, microstri p line, power amplifier
	RO3003	PTFE cera mics	3	0.0013	/	500 °C	/	/	< 0.1%	Comm unication satellite, backplan e
	RO4533	PTFE cera mics	3.3	0.0025	/	500 °C	/	/	< 0.02%	Cellular base station antenna
	RO3730	PTFE cera mics	3	0.0016	/	500 °C	/	/	0.04%	Base station antenna, satellite transmis

										tion antenna
ARLON	TC350	PTFE ceramics	3.5	0.002	/	567°C	1.20%	> 60min	0.05%	Power amplifier, filter, connector
	AD300C	PTFE ceramics	2.97	0.002	/	555°C	/	> 60min	0.06%	Base station antenna, power amplifier
	CLTE-AT	PTFE ceramics	3	0.0013	/	529°C	/	> 60min	0.03%	Car radar, sensor
	Multiclad	/	3.7	0.004	205°C	432°C	1.20%	> 60min	0.10%	Backplane, power amplifier, receiver
TACONIC	RF35A2	PTFE +glas fiber	3.5	0.0011	/	528°C	2.65%	/	0.02%	Wireless link, transmitter, splitter, combiner, filter, base station antenna
	TLY-5	PTFE +glas fiber	2.2	0.0009	/	/	/	/	< 0.02%	
	TSM-30	PTFE +glas fiber	3	0.0015	/	/	/	/	0.03%	
	TLX-8	PTFE +glas fiber	2.45	0.0015	/	/	/	/	< 0.02%	
	RF35	PTFE +glas fiber	3.5	0.0018	/	/	/	/	0.03%	
	TLC-30	PTFE +glas fiber	3	0.028	/	/	/	/	< 0.02%	