

EAGLE MATERIAL QUICK REFERENCE - 2014

MFG. NAME	VENTEC	VENTEC	VENTEC	VENTEC	VENTEC	VENTEC	VENTEC	ITEQ	ITEQ	PANASONIC	KING BD	ARLON	SHENGYI	ISOLA	ISOLA
MAT. NAME	VT-42	VT-42 (BLACK)	VT-461	VT-464	VT-47	VT-481	VT-901	IT140	IT180A	R1755V	KB6167	35N	S1170	FR406	FR408HR
COMMENTS		BLACK FR-4		HALOGEN FREE		MID-TG	RIGID POLYIMIDE					RIGID POLYIMIDE			
LEAD FREE COMPATIBLE			YES	YES	YES	YES	YES		YES	YES	YES	YES	YES		YES
RESIN SYS.	DICY	DICY	FILL-PHEN	FILL-PHEN	FILL-PHEN	FILL-PHEN	POLYIMIDE	DICY	FILL-PHEN	FILL-PHEN	FILL-PHEN	POLYIMIDE	FILL-PHEN	DICY	FILL-PHEN
(DSC) TG	TG-140	TG-135	TG-200	TG-185	TG-180	TG-150	TG-250	TG-140	TG-175	TG-170	TG-174	TG-250	TG-175	TG-170	TG-180
(TGA) TD	TD-310	TD-310	TD-365	TD-390	TD-355	TD-345	TD-390	TD-305	TD-345	TD-350	TD-357	TD-363	TD-335	TD-300	TD-360
(1Ghz) DK	DK-4.2	DK-4.5	DK-3.80	DK-3.9	DK-4.57	DK-4.3	DK-4.05	DK-4.5	DK-4.4	DK-4.31	DK-4.5	DK-4.2	DK-4.6	DK-3.95	DK-3.69
(1Ghz) DF	DF-0.015	DF-0.018	DF-0.007	DF-0.010	DF-0.016	DF-0.015	DF-0.013	DF-0.017	DF-0.015	DF-0.015	DF-0.018	DF-0.01	DF-0.012	DF-0.016	DF-0.009
MFG. NAME	ISOLA	ISOLA	ISOLA	ISOLA	ROGERS	ROGERS	NELCO	NELCO	NELCO	NELCO	NELCO	NELCO	NELCO	NELCO	NELCO
MAT. NAME	FR408	185HR	370HR	FR402	RO-4003	RO-4350	N4000-6	N4000-7	N4000-13	N4000-13SI	N4000-13EP	N4000-13EPSI	N4000-29	N4350-13RF	N9350
COMMENTS															MERCURYWAVE
LEAD FREE COMPATIBLE	YES	YES	YES		YES	YES			YES	YES	YES	YES	YES	YES	YES
RESIN SYS.	DICY	FILL-PHEN	FILL-PHEN	DICY	CERAMIC	CERAMIC	DICY	DICY	FILL-PHEN	FILL-PHEN	FILL-PHEN	FILL-PHEN	FILL-PHEN	FILL-PHEN	FILL-PHEN
(DSC) TG	TG-180	TG-170	TG-180	TG-140	TG-280	TG-280	TG-175	TG-155	TG-210	TG-210	TG-410	TG-410	TG-185	TG-410	TG-200
(TGA) TD	TD-370	TD-340	TD-340	TD-320	TD-425	TD-390	TD-325	TD-330	TD-350	TD-350	TD-662	TD-662	TD-350	TD-662	TD-360
(1Ghz) DK	DK-3.66	DK-4.04	DK-4.17	DK-4.25	DK-3.38*	DK-3.48*	DK-4.1	DK-4.0	DK-3.7	DK-3.4	DK-3.7	DK-3.4	DK-4.5	DK-3.5*	DK-3.7
(1Ghz) DF	DF-0.012	DF-0.019	DF-0.016	DF-0.015	DF-0.002**	DF-0.003**	DF-0.022	DF-0.017	DF-0.009	DF-0.008	DF-0.009	DF-0.008	DF-0.016	DF-0.007*	DF-0.004

* = 10Ghz ** = 2.5Ghz