

TEMEX STANDARD 10.7MHz MONOLITHIC CRYSTAL FILTERS

CHANNEL SPACING FOR 12.5 • 20 • 25 AND 50KHz

ELECTRONICS, INC.

CRYSTALS • CRYSTAL FILTERS • LC FILTERS

NO. POLES	TEMEX P/N	PASSBAND		STOPBAND				LOSS	RIPPLE	ULT. REJ	TERM. (Rp/Cp)
		dB	±KHz	dB	±KHz	dB	±KHz	dB	dB-MAX	dB-MIN	OHM/PF
2	TE5000	3	3.75	20	18.0	-	---	2	1.0	50	1800//+4
4	TE5010	3	3.75	30	14.0	-	---	3	2.0	60	1500//+3
6	TE5020	6	3.75	60	12.5	-	---	4	2.0	70	1500//+3
8	TE5030	6	3.75	60	10.0	90	12.5	5	2.0	80	1500//+3
2	TE5040	3	6.5	20	30.0	-	---	1	1.0	50	2700//0
4	TE5050	3	6.5	30	15.0	-	---	2	2.0	75	3100//0
6	TE5060	6	6.5	60	19.5	-	---	3	2.0	90	3100//0
8	TE5070	6	6.5	60	13.0	80	17.5	4	2.0	100	3100//0
2	TE5080	3	7.5	20	35.0	-	---	1	1.0	50	3000//0
4	TE5090	3	7.5	30	17.5	-	---	2	2.0	75	3300//0
6	TE5100	6	7.5	60	22.5	-	---	3	2.0	90	3300//0
8	TE5110	6	7.5	60	15.0	80	20.0	3	2.0	100	3300//0
2	TE5120	3	15.0	20	70.0	-	---	1	1.0	35	5000//1
4	TE5130	3	15.0	30	35.0	-	---	2	2.0	60	5000//1
6	TE5140	6	15.0	60	45.0	-	---	2	2.0	90	5000//1
8	TE5150	6	15.0	60	30.0	80	40.0	3	2.0	100	5000//1

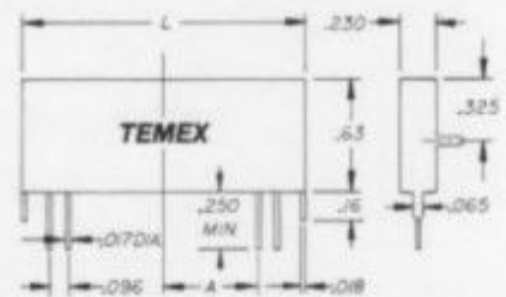
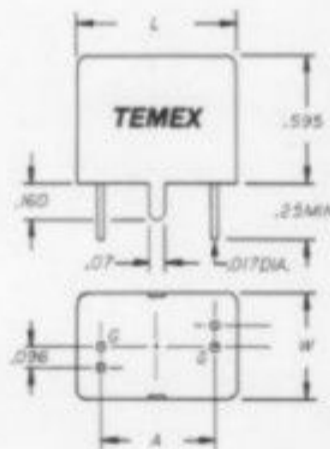
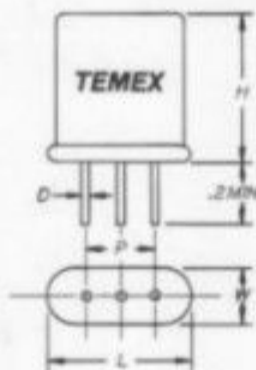
NOTES:

1. Maximum inband ripple over temp. range -20°C to 70°C.
2. Parallel termination capacity is adjusted for optimum filter response. Nominal parallel capacity, Cp: ±3pf. Impedance, Rp specified above.
3. A tandem set is a combination of matched 2 pole filter units making up multipole filters [example: 4 pole response; (2) 2 pole units-matches.]
4. These models available in other packages not shown below.

TO ORDER: TEMEX P/N and PACKAGE TYPE: Example: TE5100M5.

# POLES	PACKAGE SELECTION
2	M3 or 4
4	M3 or 4(x2)M5, 6, 7, 8 or 9
6	M3 or 4(x3)M5, 6, 8 or 9
8	M3 or 4(x4)M6 or 9

(x2)=2 cases (x3)=3 cases (x4)=4 cases



PKG	L	W	H	P	D
M3	.435	.185	.45/.53	.192	.017
M4	.750	.350	.750	.486	.030

HC-18/3:M3
HC-49/3:M3

HC-6/3:M4

PKG	L	W	A
M5	.590	.470	.354
M6	.745	.496	.528

PKG	L	A
M7	.89	.216
M8	1.32	.435
M9	1.75	.645

All specifications subject to change without notice.

Consult TEMEX for your custom crystal and filter requirements.

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