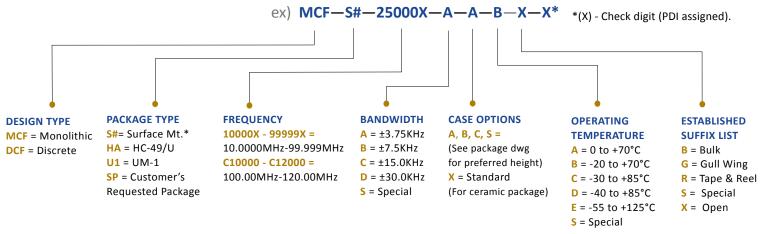


PDI Standard Surface Mount Crystal Filters



PDI offers a variety of Surface Mount Filters over a wide range of standard frequencies, (10.000 MHz to 90.000 MHz) and are of the highest quality for any commercial or military grade specifications. PDI's crystal filters are available in a variety of surface mount packages that will meet customer's desired specifications. Contact our Sales Department to discuss PDI's capacity to meet the demands of any customer.

Order Parts using the PDI 16 digit guide listed below.



** Custom Frequencies Available upon Request

Package	Case Options	Frequency	Poles	Pass band	(dB)	Stopband	Ripple	Insertion Loss	Spurious	Ultimate Attenuation	Impedance Ω (Ohms)	Temp. Range	Spec File
S3	А	10.000	6	±1.0	3	±6.0	1.0	3.0	-50	-50	50	D	
S2	А	10.700	2	±7.5	3	±28.0	0.5	2.0	-15	-40	3000	С	
S2	С	21.375	4	±12.5	3	±25.0	1.0	2.0	-30	-75	1600//2.0pf	D	
S2	А	21.400	2	±7.50	3	±25.0	0.5	1.5	-15	-50	2600	С	
S2	А	21.400	2	±3.75	3	±18.0	0.5	2.0	-10	-40	850	А	
S2	В	21.400	4	±10.0	3	±24.0	1.0	4.0	-70	-70	2500/0.0pf	D	
S2	А	21.400	2	±15.0	3	±50.0	1.0	2.0	-10	-35	1500//0.0pf	D	
S2	С	21.425	4	±12.5	3	±40.0	1.0	2.0	-30	-75	1600//2.0pf	D	
S1	А	21.671	6	±10.0	3	±25.0	1.0	4.5	-65	-65	50	В	
S5	А	34.000	4	±15.0	3	±35.0	2.0	3.0	-35	-80	2200//0.5pf	D	
S2	А	44.850	4	±7.50	3	±25.0	1.0	3.0	-20	-70	650//3.0pf	D	
S2	А	45.000	2	±6.00	3	±25.0	1.0	5.0	-50	-40	670//5.0pf	В	
S2	С	45.000	4	±10.0	3	±25.0	1.0	3.0	-25	-80	800//1.5pf	S	
S2	С	55.000	4	±10.0	3	±40.0	1.0	4.0	-40	-40	550//1.5pf	S	
S2	В	64.455	4	±7.5	3	±50	2.0	6.0	-30	-75	375//4.5pf	С	
S2	С	70.000	4	±15.0	3	±80.0	1.0	4.0	-40	-75	600//1.0pf	D	
SP	А	70.000	4	±15.0	3	±85.0	1.0	4.0	-30	-60	50	D	
S2	В	73.400	4	±12.5	3	±25.0	1.0	6.0	-10	-40	930//1.0pf	С	
S2	В	90.000	4	±25.0	3	±50.0	1.0	5.0	-40	-70	770//0.7pf	D	
S1	А	90.000	4	±10.0	3	±60.0	1.0	4.5	-10	-60	50//0pf	В	
S2	А	115.000	2	±45.0	3	±200.0	0.5	3.0	-15	-30	750//1.5pf	S	
S1	А	124.800	4	±35.0	3	±60.0	0.5	3.5	-50	-60	50//0pf	S	
S2	А	156.525	2	±10.0	3	±50.0	1.0	5.0	-50	-70	120//0.8pf	С	

REV: NA SIZE: A CAGE: A 1 of 4	REV: NA	SIZE: A	CAGE: A	
--------------------------------	---------	---------	---------	--

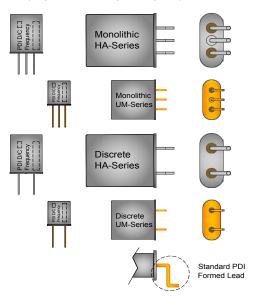


PDI Gullwinged and Ceramic Outline Drawings

Features:

Surface Mount Ceramic Packages (Includes 4-Pole in one ceramic package, Suitable for Pick and Place Applications) All HA and UM Packages available to be made into Surface Mount.

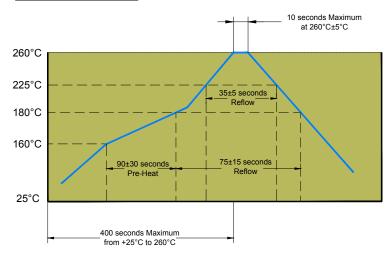
HA and UM Leaded Surface Mount Crystal Filters (Clips available upon request)



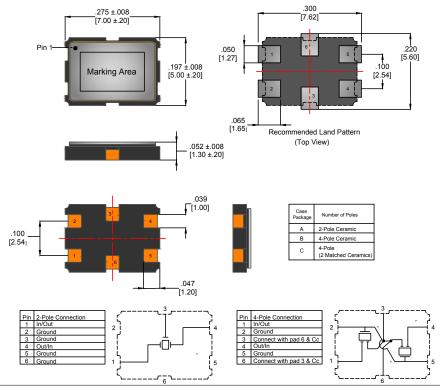
Features:

Tape and Reel Available RoHS Compliance and Pb (Lead) are available Custom Designs Available

Solder Reflow Profile:

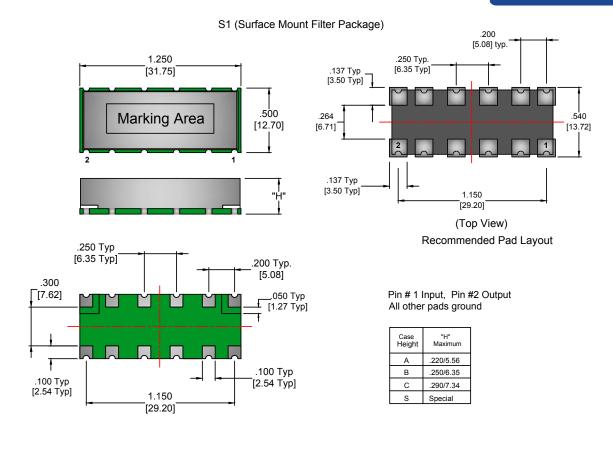


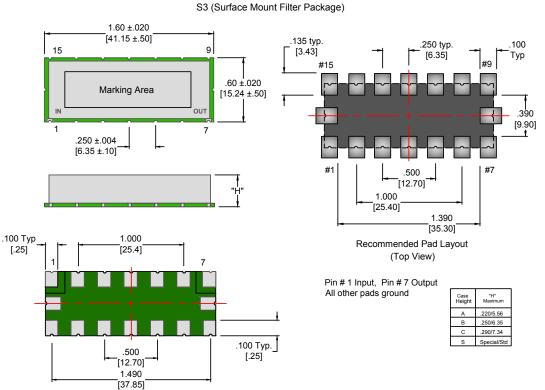
S2 (Surface Mount Filter Package)





PDI Standard Surface Mount Package Outline Drawings



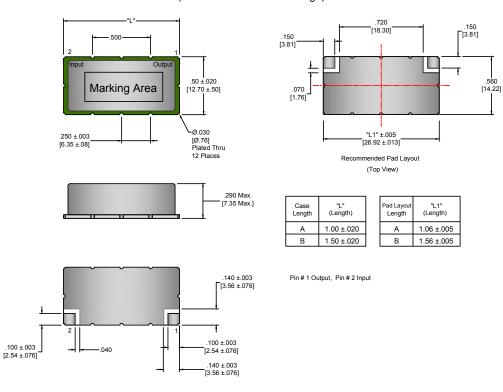




PDI Standard Surface Mount Package Outline Drawings

S4 (Surface Mount Filter Package) 1.60 ±.020 [41.15 ±.50] .135 typ. .250 typ. .100 9 15 [3.43] Тур #15 .550 ±.020 Marking Area [13.97 ±.50] .340 [8.64] 7 .250 ±.004 [6.35 ±.10] .500 [12.70] .310 Max. 1.000 [7.87 Max.] [25.40] 1.390 [35.30] .100 Typ_ 1.000 Recommended Pad Layout [.25] [25.4] (Top View) Pin # 1 Input, Pin # 7 Output All other pads ground .100 Typ. [.25] .500 [12.70] 1.490 [37.85]

S5 (Surface Mount Filter Package)



REV: NA SIZE: A CAGE: A 4 of 4	rev: NA	SIZE: A	CAGE: A	4 of 4
--------------------------------	----------------	---------	---------	--------