

SPECIFICATION

CRYSTAL BAND PASS FILTER

PART NUMBER: FN-4095-#W

(Dash #, next page)

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
10/1/19 ^(PG)			

FILTRONETICS Inc

1. Part Number: FN-4095-#W

2. Electrical Specifications:

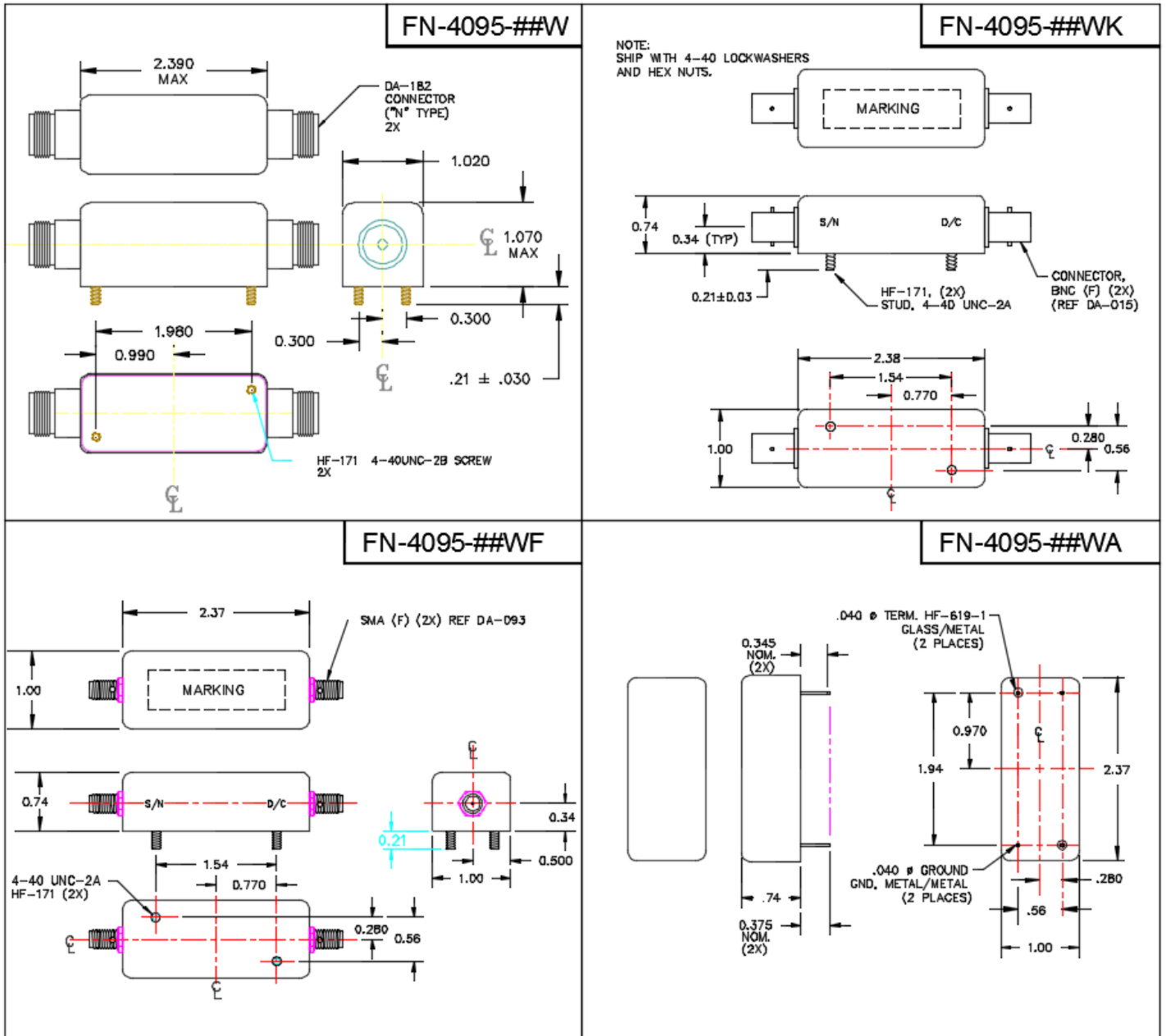
Filter Type	Band Pass					
	DASH	Fo	DASH	Fo	DASH	Fo
Center Frequency (Fo)	1	42.02 MHz	28	42.70 MHz	55	45.48 MHz
	2	42.08 MHz	29	42.76 MHz	56	45.52 MHz
	3	42.14 MHz	30	42.84 MHz	57	45.70 MHz
	4	42.20 MHz	31	42.90 MHz	58	42.80 MHz
	5	42.26 MHz	32	42.06 MHz	59	45.04 MHz
	6	42.32 MHz	33	42.12 MHz	60	45.18 MHz
	7	42.38 MHz	34	42.18 MHz	61	39.20 MHz
	8	42.44 MHz	35	42.24 MHz	62	44.84 MHz
	9	42.50 MHz	36	42.30 MHz	63	44.70 MHz
	10	42.56 MHz	37	42.36 MHz	64	45.10 MHz
	11	42.62 MHz	38	42.42 MHz	65	44.98 MHz
	12	42.68 MHz	39	42.48 MHz	66	45.22 MHz
	13	42.74 MHz	40	42.54 MHz	67	45.14 MHz
	14	42.82 MHz	41	42.60 MHz	68	45.94 MHz
	15	42.88 MHz	42	42.66 MHz	69	44.92 MHz
	16	42.94 MHz	43	42.72 MHz	70	39.68 MHz
	17	42.04 MHz	44	42.78 MHz	71	45.98 MHz
	18	42.10 MHz	45	42.86 MHz	72	39.88 MHz
	19	42.16 MHz	46	42.92 MHz	73	44.66MHz
	20	42.22 MHz	47	39.22 MHz	74	44.72MHz
	21	42.28 MHz	48	39.40 MHz	75	44.74MHz
	22	42.34 MHz	49	39.72 MHz	76	44.80MHz
	23	42.40 MHz	50	44.62 MHz	77	44.88MHz
	24	42.46 MHz	51	44.74 MHz	78	39.14MHz
	25	42.52 MHz	52	44.94 MHz	79	39.24MHz
	26	42.58 MHz	53	45.02 MHz	80	39.26MHz
	27	42.64 MHz	54	45.42 MHz	81	39.28MHz

	DASH	Fo	DASH	Fo	DASH	Fo
	82	39.32MHz	115		148	
	83	39.42MHz	116		149	
	84	39.80MHz	117		150	
	85	45.06MHz	118		151	
	86	45.28MHz	119		152	
	87	45.40MHz	120		153	
	88	45.54MHz	121		154	
	89	45.72MHz	122		155	
	90	45.74MHz	123		156	
	91	47.20MHz	124		157	
	92	39.10MHz	125		158	
	93	45.36MHz	126		159	
	94	45.46MHz	127		160	
	95	45.50MHz	128		161	
	96	45.38MHz	129		162	
	97	46.10MHz	130		163	
	98	47.700MHz	131		164	
	99	47.600MHz	132		165	
	100	48.000MHz	133		166	
	101	48.100MHz	134		167	
	102	47.10MHz	135		168	
	103	47.18MHz	136		169	
	104	47.02MHz	137		170	
	105	45.580MHz	138		171	
	106	45.60 MHz	139		172	
	107		140		173	
	108		141		174	
	109		142		175	
	110		143		176	
	111		144		177	
	112		145		178	
	113		146		179	
	114		147		180	

Center
Frequency
(Fo)

3 dB Band Width:	±6.75 KHz Min
Insertion Loss:	5 dB Max
Pass Band Ripple:	1 dB Max
20 dBc Band Width:	52 KHz Max
50 dB Band Width:	100 KHz Max
Ultimate Attenuation:	50 dB Min
Input Test Power	0 dBm Nominal
Impedance:	50 Ohms
Operating Temperature:	-30°C to +60°C
Workmanship	J-STD-001 Class 2
RoHS COMPLIANT	NO

3. Example Mechanical Package Styles



4. Plots

