

# AC8178-XXX Series Radio frequency



## Features

- Variable radio frequency Coil.
- Original design by Automatic Coil
- Fully enclosed
- Tested 100%
- Built Per Mil standards □□ Leaded Solder.



## Specifications

- Operating temperature -57° C to 105° C
- Packaging in tray

## Electrical Characteristics.

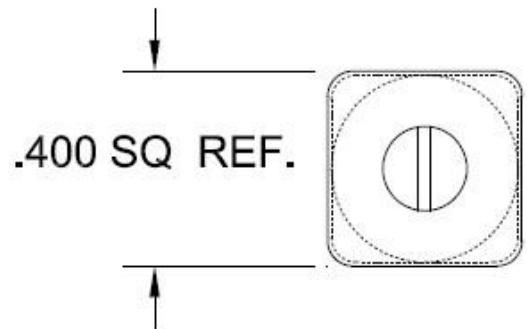
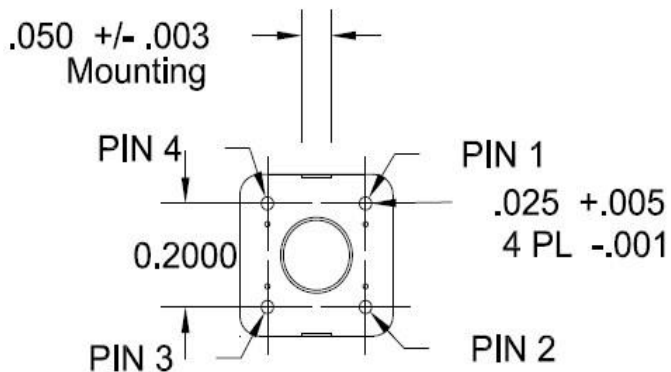
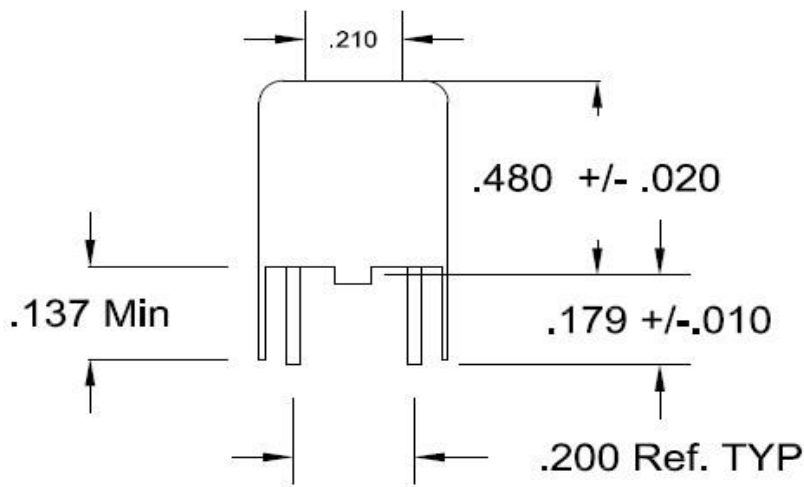
Part Number	NSN Number	Inductance (UH)	MIN Q AT IND	DCR MAX (OHM)	DC CURRENT AT MAX (mA)	MIN SRF AT MAX (MHZ)
AC8178-080	5950-01-023-1490	.0198-0.242	70	0.055	1600	250
AC8178-140	5950-01-023-1491	0.612-.0748	70	0.093	1250	173
AC8178-180	5950-01-068-5564	0.108-0.132	65	0.034	2100	250
AC8178-220	5950-01-068-5563	0.243-0.297	70	0.061	1500	250
AC8178-230	5950-00-449-0263	0.297-0.363	70	0.067	1450	230
AC8178-260	5950-01-068-5562	0.504-0.616	70	0.093	1300	200
AC8178-270	5950-00-444-6508	0.612-0.748	70	0.093	1250	173
AC8178-280	5950-01-022-9143	0.738-0.902	70	0.100	1200	150
AC8178-300	5950-01-067-5444	1.08-1.36	55	0.130	1000	120
AC8178-310	5950-01-064-7877	1.35-1.65	50	0.140	1000	110
AC8178-320	5950-01-023-2586	1.62-1.98	50	0.200	900	100
AC8178-330	5950-01-063-8040	1.98-2.45	50	0.260	800	88
AC8178-340	5950-01-067-5443	2.43-2.97	50	0.380	700	83
AC8178-350	5950-01-063-8041	2.97-3.63	50	0.510	600	78
AC8178-360	5950-01-068-1356	3.51-4.29	50	0.700	500	71
AC8178-370	5950-01-063-8042	4.23-5.17	50	0.880	400	64
AC8178-380	5950-00-413-1271	5.04-6.16	50	1.30	360	58
AC8178-390	5950-01-023-1493	6.12-7.48	55	1.70	280	52
AC8178-400	5950-01-067-5441	7.38-9.02	55	1.90	270	46
AC8178-410	5950-01-023-1493	9.00-11.0	55	2.00	260	40

Part Number	NSN Number	Inductance (UH)	MIN Q AT IND	DCR MAX (OHM)	DC CURRENT AT MAX (mA)	MIN SRF AT MAX (MHZ)
AC8178-420	5950-01-068-1932	10.8-13.6	55	2.10	255	10.5
AC8178-430	5950-01-072-2268	13.5-16.5	60	2.20	250	10

**Manutech Inc.** Phone number: (305) 888-2800 .Fax : (305) 888-2628. sales@manutech.us. web site : www.manutech.us

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## Mechanical Parameters



All dimensions are in inches.

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