

# Dual Line Common Mode Panel Mount Filter

## Installation Guidelines

- Use a temperature-controlled soldering iron with tip temperature of  $525 \pm 10^{\circ}\text{F}$  ( $275 \pm 5^{\circ}\text{C}$ ).
- Use an SN 63 RMA flux core solder.
- Make mechanical wire connection.
- Use heat sink next to filter body where possible.
- Clean soldering iron tip.
- Clip end of solder (remove 0.5") to expose flux for soldering.
- Apply soldering iron to wire/flag junction at wetted solder tip region of iron (Wetted Bridge Method).
- Immediately apply solder.
- Dwell time for soldering iron tip on product should be 3-5 seconds maximum.
- Terminals have been oriented to maximize clearance.



## Threaded Style Filters

Filter Thread Size	Max. Mounting Torque		Mounting Hole Dia.		Drill Size	
	In-lbs	Nm	(in)	(mm)	English	Metric (mm)
4-40	1.5	0.170	0.120	3.05	# 31	3.10
6-40	3	0.339	0.147	3.73	# 26	3.75
6-32	3	0.339	0.147	3.73	# 26	3.75
8-32	4	0.452	0.173	4.39	# 17	4.40
10-32	4	0.452	0.190	4.83	# 8	5.10
12-28	6	0.678	0.228	5.79	# 1	5.80
12-32	6	0.678	0.228	5.79	# 1	5.80
1/4-28	7	0.791	0.261	6.63	# G	6.70
5/16-24	7	0.791	0.323	8.20	# P	8.25
5/16-32	7	0.791	0.323	8.20	# P	8.25
3/8-32	9	1.017	0.386	9.80	# W	9.90
7/16-20	14	1.582	0.453	11.51	29/64	11.51