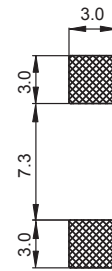
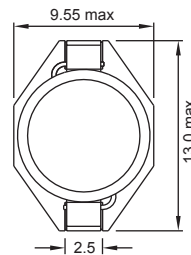
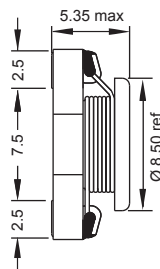
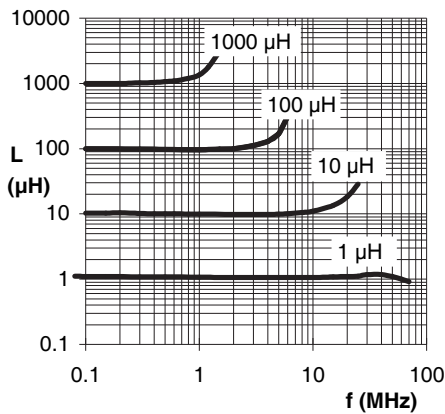


# PISM



Recommended Layout  
for solder pads

Typical L vs Frequency (f)



Part No	Inductance L (μH)	f <sub>L</sub> (MHz)	Tol ± (%)	SRF min (MHz)	DCR max (Ω)	Rated DC Current (A)	
						I <sub>sat</sub>	I <sub>ΔT</sub> = 40°C
PISM-1R0X-04	1.0	0.1	10, <b>20</b>	115	0.008	10	6.9
PISM-1R5X-04	1.5	0.1	10, <b>20</b>	90	0.009	9	6.5
PISM-2R2X-04	2.2	0.1	10, <b>20</b>	80	0.010	8	6.2
PISM-3R3X-04	3.3	0.1	10, <b>20</b>	58	0.014	7	5.5
PISM-4R7X-04	4.7	0.1	10, <b>20</b>	49	0.017	6	4.9
PISM-6R8X-04	6.8	0.1	10, <b>20</b>	39	0.022	5.1	4.4
PISM-100X-04	10	0.1	10, <b>20</b>	28	0.036	4.2	3.9
PISM-150X-04	15	0.1	10, <b>20</b>	22	0.050	3.2	3.2
PISM-220X-04	22	0.1	10, <b>20</b>	17	0.060	2.7	2.7
PISM-330X-04	33	0.1	10, <b>20</b>	13	0.100	2.1	2.1
PISM-470X-04	47	0.1	10, <b>20</b>	10	0.140	1.7	1.7
PISM-680X-04	68	0.1	10, <b>20</b>	8.5	0.190	1.5	1.5
PISM-101X-04	100	0.1	10, <b>20</b>	7.0	0.280	1.2	1.2
PISM-151X-04	150	0.1	10, <b>20</b>	5.3	0.420	1.0	1.0
PISM-221X-04	220	0.1	10, <b>20</b>	4.1	0.600	0.85	0.85
PISM-331X-04	330	0.1	10, <b>20</b>	3.2	0.900	0.65	0.65
PISM-471X-04	470	0.1	10, <b>20</b>	2.8	1.250	0.55	0.55
PISM-681X-04	680	0.1	10, <b>20</b>	2.3	2.00	0.45	0.45
PISM-102X-04	1000	0.1	10, <b>20</b>	1.7	2.70	0.35	0.35
PISM-222X-04	2200	0.1	10, <b>20</b>	1.4	7.00	0.25	0.22

**Material** : Ferrite, Injection moulded base

**SPQ** : Reel 1000 [-04]

**Remark** : - I<sub>sat</sub> & I<sub>ΔT</sub>- see description in inductors Technical Data.  
- AEC-Q200 Standard approved.