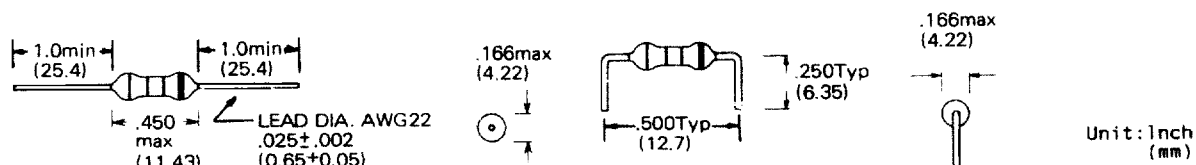


TC 1645 SERIES EPOXY COATED INDUCTOR



TM part no	Inductance (μ H)	Tol %	Q min.	Test freq (MHz)	Minimum self resonance freq (MHz)	Maximum D.C. res (Ω)	Direct current (mA)	Color Marking			
								1st	2nd	3rd	4th
TC1645-R22	0.22	±20	45	25.2	300	0.10	1400	Red	Red	Silver	Black
TC1645-R27	0.27	±20	45	25.2	270	0.11	1370	Red	Purple	Silver	
TC1645-R33	0.33	±20	45	25.2	250	0.12	1280	Orange	Orange	Silver	
TC1645-R39	0.39	±20	45	25.2	230	0.13	1200	Orange	White	Silver	
TC1645-R47	0.47	±20	45	25.2	220	0.14	1150	Yellow	Purple	Silver	
TC1645-R56	0.56	±20	45	25.2	200	0.15	1100	Green	Blue	Silver	
TC1645-R68	0.68	±20	45	25.2	190	0.16	1030	Blue	Grey	Silver	
TC1645-R82	0.82	±20	45	25.2	172	0.17	930	Grey	Red	Silver	
TC1645-1R0	1.00	±20	45	25.2	157	0.19	920	Brown	Black	Gold	
TC1645-1R2	1.20	±20	50	7.96	144	0.21	880	Brown	Red	Gold	
TC1645-1R5	1.50	±20	50	7.96	131	0.23	830	Brown	Green	Gold	
TC1645-1R8	1.80	±20	55	7.96	121	0.25	790	Brown	Grey	Gold	
TC1645-2R2	2.20	±20	55	7.96	110	0.28	750	Red	Red	Gold	
TC1645-2R7	2.70	±20	60	7.96	100	0.30	720	Red	Purple	Gold	
TC1645-3R3	3.30	±20	65	7.96	94	0.34	670	Orange	Orange	Gold	M=Black K=Silver
TC1645-3R9	3.90	±10	65	7.96	65	0.37	640	Orange	White	Gold	
TC1645-4R7	4.70	±10	70	7.96	56	0.39	620	Yellow	Purple	Gold	
TC1645-5R6	5.60	±10	70	7.96	48	0.43	590	Green	Blue	Gold	
TC1645-6R8	6.80	±10	75	7.96	37	0.48	550	Blue	Grey	Gold	
TC1645-8R2	8.20	±10	80	7.96	25	0.52	530	Grey	Red	Gold	
TC1645-100	10.0	±10	65	7.96	21	0.58	500	Brown	Black	Black	
TC1645-120	12.0	±10	50	2.52	19	0.63	480	Brown	Red	Black	
TC1645-150	15.0	±10	50	2.52	17	0.72	460	Brown	Green	Black	
TC1645-180	18.0	±10	50	2.52	13	0.77	430	Brown	Grey	Black	Silver
TC1645-220	22.0	±10	50	2.52	9.6	0.84	410	Red	Red	Black	
TC1645-270	27.0	±10	55	2.52	7.2	0.94	390	Red	Purple	Black	
TC1645-330	33.0	±10	55	2.52	6.3	1.03	370	Orange	Orange	Black	
TC1645-390	39.0	±10	50	2.52	6.3	1.12	350	Orange	White	Black	
TC1645-470	47.0	±10	45	2.52	6.3	1.22	340	Yellow	Purple	Black	
TC1645-560	56.0	±10	40	2.52	6.2	1.70	320	Green	Blue	Black	
TC1645-680	68.0	±10	40	2.52	5.7	1.85	305	Blue	Grey	Black	
TC1645-820	82.0	±10	35	2.52	5.3	2.0	290	Grey	Red	Black	
TC1645-101	100	±10	30	2.52	4.8	2.4	275	Brown	Black	Brown	K=Silver J=Gold
TC1645-121	120	±10	55	0.796	3.8	3.70	185	Brown	Red	Brown	
TC1645-151	150	±10	45	0.796	3.5	4.20	175	Brown	Green	Brown	
TC1645-181	180	±10	50	0.796	3.3	4.60	165	Brown	Grey	Brown	
TC1645-221	220	±10	55	0.796	3.0	5.10	155	Red	Red	Brown	
TC1645-271	270	±10	65	0.796	2.8	5.80	145	Red	Purple	Brown	
TC1645-331	330	±10	65	0.796	2.6	6.40	137	Orange	Orange	Brown	
TC1645-391	390	±10	65	0.796	2.4	7.00	133	Orange	White	Brown	
TC1645-471	470	±10	60	0.796	2.0	7.70	126	Yellow	Purple	Brown	
TC1645-561	560	±10	60	0.796	1.8	8.50	120	Green	Blue	Brown	
TC1645-681	680	±10	55	0.796	1.6	9.40	113	Blue	Grey	Brown	K=Silver J=Gold
TC1645-821	820	±10	55	0.796	1.4	10.50	105	Grey	Red	Brown	
TC1645-102	1000	±10	50	0.796	1.0	14.00	100	Brown	Black	Red	

ADD SUFFIX TO P/N FOR PACKAGING

TR = TAPE/REEL B = BULK
TA = TAPE/AMMO FL = FORMED LEADS

CORE MATERIAL: DRUM TYPE FERRITE CORE
OUTER COATING: EPOXY (GREEN)