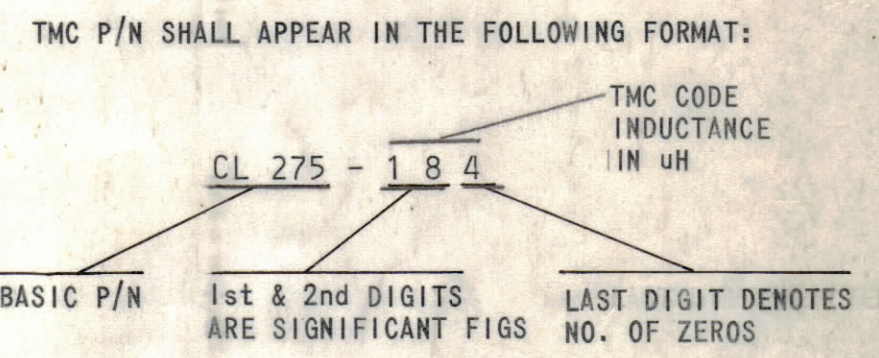
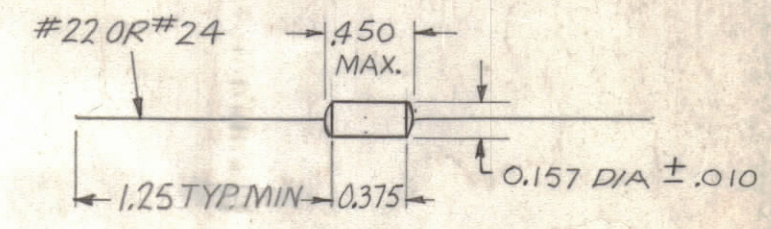


REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.O	DRAFT	CHKD APPD
		REDRAWN W/O CHANGE LAST REVISION WAS F	10/7/68		CV	JA

TMC CODE	NOTE 1 & 6 L uH	NOTE 3 Q MIN Mc	NOTE 2 MINIMUM Fo Mc	APPROX Cd uuF	NOTE 3 MIN KΩ	NOTE 3 MIN Rp Mc	MAX DC RES	NOTE 4 & 5 MAX I mA	TMC CODE	NOTE 1 & 6 L uH	NOTE 3 Q MIN Mc	NOTE 2 MINIMUM Fo Mc	APPROX Cd uuF	NOTE 3 MIN KΩ	NOTE 3 MIN Rp Mc	MAX DC RES	NOTE 4 & 5 MAX I mA
184	180,000	20 .050	.075	13.4	1100	.050	1650 .094	880 18	121	120	51 .79	9.7	1.0	75	5.0	75 14.0	3.6 311
154	150,000	20 .060	.078	13.4	1175	.055	1600 .098	750 20	101	100	52 .79	10.0	1.0	62	5.0	62 15.0	3.12 322
124	120,000	20 .070	.084	16.8	1000	.055	1560 .105	540 23	820	82	42 2.5	14.0	1.0	44	8.0	44 17.5	2.44 349
104	100,000	18 .079	.092	16.2	940	.060	1450 .115	499 22	680	68	40 2.5	21.0	0.50	35	10.0	35 27.0	2.70 328
823	82,000	20 .079	.100	16.5	900	.079	1340 .125	452 23	560	56	40 2.5	24.0	0.49	33	10.0	33 30.0	2.23 380
683	68,000	20 .079	.104	18.4	860	.079	1300 .130	410 24	470	47	46 2.5	26.4	0.49	31	12.0	31 33.0	2.11 400
563	56,000	23 .079	.140	12.0	1050	.100	1450 .195	499 25	390	39	45 2.5	29.0	0.48	27	12.0	27 36.5	1.93 429
473	47,000	23 .079	.16	12.5	850	.100	1310 .209	473 26	330	33	43 2.5	32.0	0.48	23	12.0	23 40.0	1.37 505
393	39,000	27 .079	.17	14.0	690	.100	1050 .215	395 27	270	27	42 2.5	35.2	0.48	17	15.0	20 44.0	1.19 526
333	33,000	27 .079	.19	12.5	1070	.150	1040 .250	343 30	220	22	47 2.5	37.6	0.50	13	15.0	17 47.0	0.96 565
273	27,000	27 .079	.21	13.0	810	.150	1000 .270	308 31	180	18	45 2.5	42.7	0.49	12	20.0	14 53.5	0.89 596
223	22,000	27 .079	.236	13.0	720	.150	970 .295	274 33	150	15	47 2.5	34.0	0.92	43	15.0	64 42.5	2.30 325
183	18,000	31 .079	.244	15.0	630	.150	850 .305	175 41	120	12	47 2.5	38.0	0.92	37	15.0	61 47.5	3.0 368
153	15,000	31 .079	.264	15.0	610	.150	780 .330	157 45	100	10	46 2.5	42.0	0.92	33	15.0	59 52.5	1.62 432
123	12,000	31 .079	.296	15.0	580	.200	710 .370	143 46	8R2	8.2	45 7.9	46.0	0.92	33	20.0	57 57.5	1.32 475
103	10,000	36 .079	.376	11.5	520	.200	670 .470	137 49	6R8	6.8	40 7.9	50.7	0.92	29	20.0	51 63.5	1.02 500
822	8,200	38 .250	.460	9.2	710	.300	1000 .580	146 47	5R6	5.6	40 7.9	55.5	0.92	32	25.0	45 69.5	0.72 550
682	6,800	43 .250	.590	6.9	690	.350	960 .740	118 53	4R7	4.7	40 7.9	61.1	0.92	28	25.0	41 76.5	0.58 650
562	5,600	45 .250	.645	6.8	610	.350	940 .810	104 56	3R9	3.9	40 7.9	67.5	0.92	26	30.0	34 84.5	0.40 750
472	4,700	44 .250	.670	7.4	560	.400	860 .840	81.6 63	3R3	3.3	40 7.9	73.1	0.92	23	30.0	31 91.5	0.35 800
392	3,900	43 .250	.765	7.0	600	.500	850 .960	73.8 67	2R7	2.7	41 7.9	85.3	0.92	24	40.0	26 107	0.28 950
332	3,300	43 .250	1.840	7.0	640	.500	830 1.050	53.0 80	2R2	2.2	42 7.9	89.2	0.92	21	40.0	23 112	0.19 1100
272	2,700	47 .250	1.920	6.8	510	.500	700 1.180	47.3 83	1R8	1.8	42 7.9	98.7	0.92	18	50.0	20 124	0.17 1200
222	2,200	50 .250	1.970	6.8	380	.500	560 1.300	33.8 99	1R5	1.5	41 7.9	107	0.92	16	50.0	17 135	0.16 1300
182	1,800	47 .250	1.00	6.5	340	.500	540 1.420	30.2 105	1R2	1.2	43 7.9	119	0.92	13	75.0	14 150	0.093 1600
152	1,500	49 .250	1.16	8.0	280	.500	425 1.460	26.5 110	1R0	1.0	42 7.9	130	0.92	12	75.0	13 164	0.07 1900
122	1,200	45 .250	1.19	9.0	225	.500	290 1.490	22.1 115	0R82	0.82	41 25	170	0.67	47	100	72 230	0.59 600
102	1,000	62 .79	3.8	0.87	430	1.5	450 5.6	17.5 135	0R68	0.68	45 25 43	187	0.67	40	100	65 230	0.45 750
821	820	57 .79	4.2	0.87	355	1.5	420 6.0	13.8 150	0R56	0.56	45 25	205	0.67	32	100	56 230	0.36 900
681	680	60 .79	4.5	0.87	320	1.5	340 6.5	12.0 160	0R47	0.47	48 25 47	225	0.67	27	100	51 230	0.25 1000
561	560	60 .79	4.7	0.82	269	1.5	275 7.5	11.5 170	0R39	0.39	48 25 47	250	0.67	21	100	41 230	0.18 1100
471	470	60 .79	5.7	0.83	220	1.5	230 8.0	10.0 180	0R33	0.33	48 25 47	250	0.67	18	100	37 230	0.13 1300
391	390	43 .79	6.2	0.87	130	3.0	132 8.5	7.4 200	0R27	0.27	50 25	250	0.67	15	100	32 230	0.11 1500
331	330	50 .79	6.5	0.92	125	3.0	130 9.0	6.4 215	0R22	0.22	56 25 50	250	0.67	13	100	38 230	0.067 1700
271	270	52 .79	7.0	0.92	115	3.0	117 10.0	5.8 231	0R18	0.18	57 25 50	250	0.67	10	100	30 230	0.047 2200
221	220	57 .79	7.5	0.94	98	4.0	106 11.0	5.0 250	0R15	0.15	59 25 50	250	0.67	8	100	16 230	0.047 2600
181	180	60 .79	8.0	1.0	95	4.0	95 11.5	4.4 260	0R12	0.12	61 25 50	250	0.67	7	100	13 230	0.034 2800
151	150	56 .79	8.5	1.0	84	4.0	84 12.5	4.1 275	0R10	0.10	63 25 50	250	0.67	6	100	11 230	0.026 2900



EXAMPLE:

150,000 uH = 154  
 3,300 uH = 332  
 150 uH = 151  
 68 uH = 680  
 2.2 uH = 2R2  
 0.82 uH = R82

NOTES: WHEN DECIMAL IS REQ. USE LETTER (R). LAST DIGIT IN THIS CASE BECOMES SIGNIFICANT FIGURE.

ELECTRICAL SPECIFICATIONS

- INDUCTANCE TOLERANCE  
 0.1 TO 1 uH ±20% (Q METER)  
 1.1 TO 22uH ±10% (Q METER)  
 27 TO 56,000 uH ±10% (1Kc BRIDGE)  
 68,000 TO 180,000 uH ±20% (1Kc BRIDGE)
- SELF RESONANT FREQUENCY Fo MEASURED WITH FULL LENGTH LEADS IN Q METER.
- Q & Rp VALUES AS MEASURED ON Q METER-
- 1 MAXIMUM RATING @125° OPERATION OR 35°C RISE AT 90°C AMBIENT.
- 1 MAXIMUM BASED ON 1/3 WATT DISSIPATION.
- ALL INDUCTANCE MEASUREMENTS AT POINT OF LEAD 1/2" FROM BODY.
- OPERATING TEMP: -55°C TO +125°C (REF: MIL C-15305 GRADE I, CLASS B)
- COUPLING: 3% MAXIMUM WHEN MEASURED AS PER MS90537.

QTY / UNIT	MODEL USED ON	ASS'Y NO.
5401-134 (WEB-)		
5401-422 (MR-)	C	

APPLICATION

NOTICE TO PERSONS RECEIVING THIS DRAWING

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QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
COIL, RF				
MATERIAL		SIZE	CODE IDENT. NO.	DWG NO.
FINISH		C	82679	CL 275
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			DATE	ISSUE
TOLERANCES ON			1-26-65	F
DECIMALS ± .05			DATE	
FRACTIONS ± 1/64			1-26-65	
ANGLES ± 0° -30'			DATE	
CHECKED @ TORSI			1-26-65	
DRAWN J. LUVARA			DATE	
			1-23-65	
SCALE			SHEET	OF