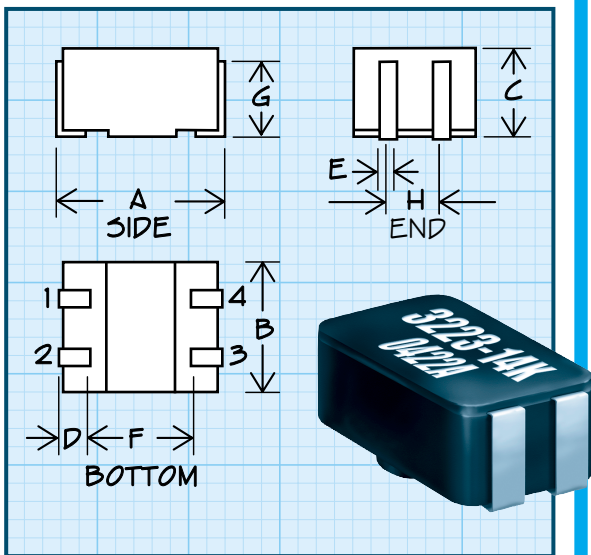
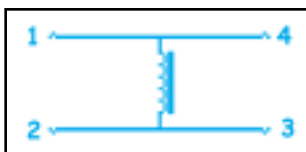


Surface Mount
Toroidal RF Inductor



Electrical Schematic:



Military Specifications:

MS-21422 Ref.

Physical Parameters

	Inches	Millimeters
A	0.320 ± 0.020	8.13 ± 0.508
B	0.230 ± 0.010	5.84 ± 0.254
C	0.155 ± 0.010	3.94 ± 0.254
D	0.040 Min.	1.016 Min.
E	0.045 ± 0.008	1.143 ± 0.203
F	0.240 (Ref Only)	6.10 (Ref Only)
G	0.125 (Ref Only)	3.18 (Ref Only)
H	0.100 ± 0.010	2.54 ± 0.254

Current rating at 90°C Ambient:

35°C Rise

Operating Temperature Range:

-55°C to +125°C

Maximum Power Dissipation at 90°C:

0.35 W

Core Material:

Powdered Iron

Weight Maximum:

0.50 grams

Packaging:

Tape & Reel (24mm): 13" reel
1000 pieces max.

DASH NUMBER*

INDUCTANCE (µH)

TOLERANCE

Q MINIMUM

TEST FREQ. (MHz)

SRF MINIMUM (MHz)

DC RESISTANCE
MAXIMUM (Ohms)

CURRENT RATING
MAXIMUM (mA)

SERIES 3223

-00K	0.10	±10%	55	25.0	450	0.05	2200
-02K	0.12	±10%	60	25.0	400	0.06	2000
-04K	0.15	±10%	60	25.0	350	0.08	1800
-06K	0.18	±10%	60	25.0	320	0.10	1600
-08K	0.22	±10%	65	25.0	300	0.11	1500
-10K	0.27	±10%	65	25.0	280	0.13	1400
-12K	0.33	±10%	65	25.0	260	0.15	1300
-14K	0.39	±10%	65	25.0	240	0.18	1200
-16K	0.47	±10%	65	25.0	220	0.21	1100
-18K	0.56	±10%	70	25.0	200	0.25	1000
-20K	0.68	±10%	70	25.0	180	0.31	900
-22K	0.82	±10%	70	25.0	160	0.40	800
-24J	1.0	±5%	70	25.0	150	0.45	750
-26J	1.2	±5%	60	7.9	130	0.52	700
-28J	1.5	±5%	60	7.9	120	0.65	630
-30J	1.8	±5%	60	7.9	110	0.90	530
-32J	2.2	±5%	60	7.9	100	1.20	470
-34J	2.7	±5%	60	7.9	90	1.50	420
-36J	3.3	±5%	60	7.9	70	1.70	390
-38J	3.9	±5%	60	7.9	60	2.00	360
-40J	4.7	±5%	60	7.9	50	2.40	330
-42J	5.6	±5%	60	7.9	45	2.70	310
-44J	6.8	±5%	60	7.9	40	2.90	300
-46J	8.2	±5%	60	7.9	37	3.10	290
-48J	10.0	±5%	60	7.9	35	3.30	280

Optional Tolerances: J = 5% H = 3%

*Complete part # must include series # PLUS the dash #

For further surface finish information,
refer to TECHNICAL section of this catalog.

LAND PATTERN DIMENSIONS

