

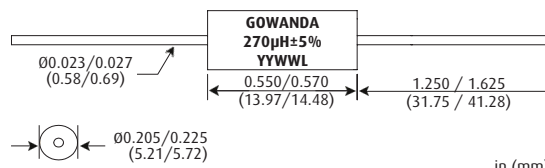
**MLRF22M SERIES**



MIL-PRF-15305 Qualified Molded Unshielded RF Coil

Military Specifications:

MS90540



PART NUMBER	MIL DASH NO.	L µH	Q MIN	TEST FREQ MHz	SRF MHz MIN	DCR Ω MAX	CURRENT RATING mA DC
<b>MS90540 POWDERED IRON CORE</b>							
MLRF22M114J	14	1100	60	0.25	2.80	21	78
MLRF22M124J	15	1200	60	0.25	2.70	22	76
MLRF22M134J	16	1300	60	0.25	2.60	23	75
MLRF22M154J	17	1500	65	0.25	2.40	25	72
MLRF22M164J	18	1600	65	0.25	2.30	26	70
MLRF22M184J	19	1800	65	0.25	2.20	28	68
MLRF22M204J	20	2000	65	0.25	2.10	29	67
MLRF22M224J	21	2200	70	0.25	2.00	30	66
MLRF22M244J	22	2400	70	0.25	1.90	31	64
MLRF22M274J	23	2700	70	0.25	1.80	33	62
MLRF22M304J	24	3000	70	0.25	1.70	35	61
MLRF22M334J	25	3300	70	0.25	1.60	38	58
MLRF22M364J	26	3600	70	0.25	1.50	40	57

**NOTES**

- **Operating Temperature Range:** -55°C to +105°C
- **Temperature Class:** Class A: 105°C
- **Current Rating** is based on a 15°C maximum temperature rise at an ambient temperature of 90°C
- **DWV** 700 Vrms @ Sea Level  
180 Vrms @ Sea Level
- **Weight Max:** 1.50 grams
- **Marking:** Inductance with units and tolerance; YYWWL (see diagram above)
- **Body Color:** Black
- SRF values are calculated and for reference only
- Materials are fungus-inert to meet method 508 of MIL-STD-810H

**PART NUMBER DERIVATION**



**Termination:** SnPb (standard)  
**EXAMPLE OF ORDERING BY MILITARY PART NUMBER:**  
MLRF22M114J → MS90540-14

**TAPE AND REEL SPECS:**

Pieces/reel maximum:	1000
Pitch between parts:	0.400 in.
Tape width:	2.500 in.
Reel diameter:	12 in.
Class:	2