

F1753 - F1755 General Data

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Suppression Inductors, Ring Core Inductors

REFERENCE STANDARDS:

VDE 0565 part 2
EN 60068-1

CORE MATERIAL:

Ferrite

WINDING:

Enamelled copper wire (CuL)
insulated against core

COATING:

Plastic can, epoxy resin sealed
(flame retardant available) or
insulated sleeve (not approved).

TERMINALS:

Insulated stranded copper wire
type LiY, ends stripped and tinned.
For rated current: ≤ 4 A: 0.5 mm²
 ≤ 6 A: 0.75mm²
 ≤ 16 A: 1.5 mm²

TEMPERATURE:

- 25°C to + 110°C

CLIMATIC TESTING CLASS ACC. TO

EN 60068-1:

25/110/21

INDUCTANCE TOLERANCE:

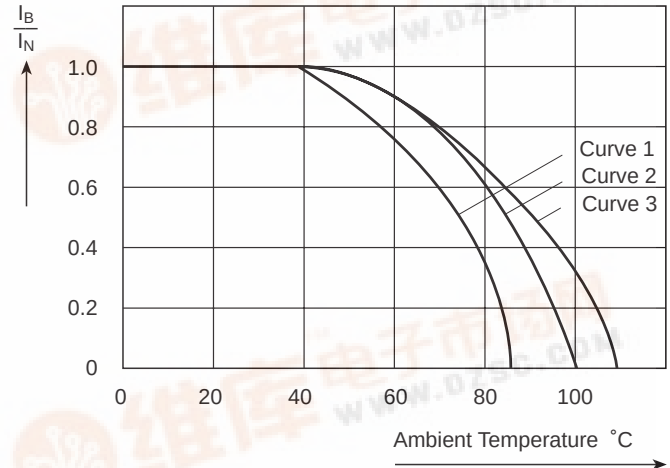
+ 50/- 30%

TEST VOLTAGE:

AC 1500V/2 sec. winding/winding
AC 2500V/2 sec. winding/case

APPROVALS

COUNTRY	SPECIFICATION	TYPE	APPROVAL REFERENCE	APPROVAL MARK
Germany	VDE 0565, part 2	F1753	58787	
		F1755	22768	



CURVE 1:

Maximum working temperature + 85°C

CURVE 2:

Maximum working temperature + 100°C

CURVE 3:

Maximum working temperature + 110°C

I_B: Maximum working current

I_N: Rated current at ambient temperature + 40°C

