

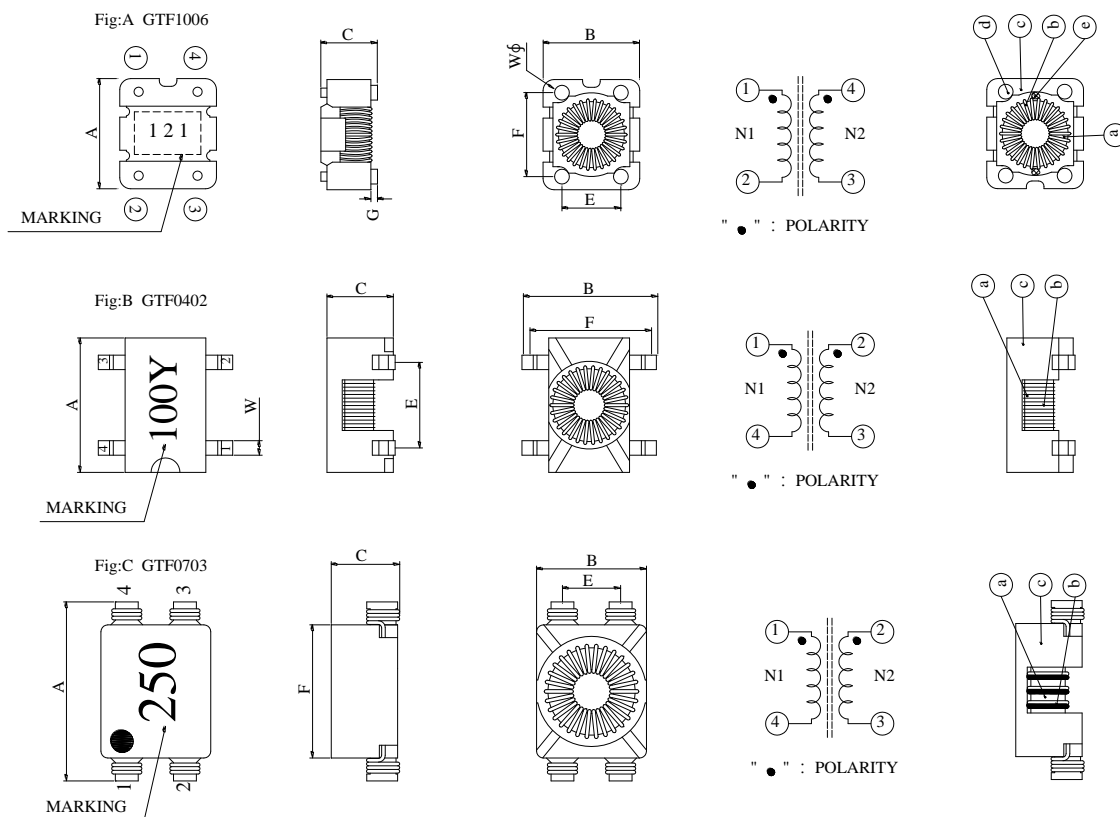


# GENERAL COMPONENTS INDUSTRY CORP.

## 旭誠工業股份有限公司

### GTF SERIES

#### ★ CONFIGURATION & DIMENSIONS :



SERIES	A	B	C	E	F	G	W §	Fig
GTF0402	4.60±0.3	5.00±0.3	2.50±0.3	3.00±0.3	4.60±0.3	3.40 <sup>REF.</sup>	0.50±0.1	B
GTF1006	10.0±0.3	8.70±0.3	6.5 <sup>MAX.</sup>	6.22±0.3	7.62±0.3	0.30 <sup>MIN.</sup>	1.20±0.1	A
GTF0703	8.00±0.2	5.30±0.2	3.5 <sup>MAX.</sup>	2.54±0.3	5.80±0.2	5.00 <sup>REF.</sup>		C

UNIT:

m/m

#### ★ MATERIALS :

- a · CORE : FERRITE CORE
- b · WIRE : ENAMELLED COPPER WIRE 130°C
- c · BASE : PHENOLIC PM9630
- d · TERMINAL : TINNED COPPER PLATE
- e · ADHESIVE : EPOXY RESIN

#### ★ GENERAL SPECIFICATION :

- a · TEMP. RISE : 45°C MAX.
- b · STORAGE TEMP. : -40°C ---- +125°C
- c · OPERATING TEMP. : -40°C ---- +80°C
- d · RESISTANCE TO SOLDER HEAT : 260°C .FOR 10 SECS.
- e · TEST FREQUENCY : 0.1V/100KHZ



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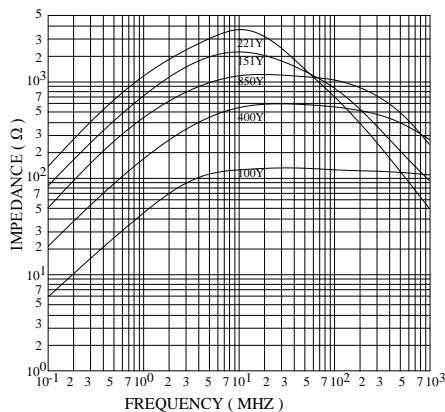
### GTF SERIES

ITEM	INDUCTANCE L1, L2 (uH)			RDC ( $\Omega$ ) N1, N1 (MAX.)			RATED CURRENT (A)			IMPEDANCE ( $\Omega$ ) (MIN.)			FREQ. RANGE (MHZ)		
	GTF0402	GTF0703	GTF1006	GTF0402	GTF0703	GTF1006	GTF0402	GTF0703	GTF1006	GTF0402	GTF0703	GTF1006	GTF0402	GTF0703	GTF1006
6R0		6.0			0.040			2.00			90			20~1000	
100	10.0			0.035			1.40			80			10~1000		
250		25.0			0.070			1.60			300			10~700	
400	40.0			0.070			1.25			250			5.0~500		
550		55.0			0.130			1.10			500			5~100	
850	85.0			0.135			0.90			400			3.0~300		
101		100.0			0.220			0.90			600			3~60	
121			120						1.40			200			10~200
151	150.0	150.0		0.220	0.420	0.025	0.50	0.65		600	900		2.0~100	2~40	
221	220.0			0.350			0.45			800			1.0~50		
251			250			0.030			1.25			400			5.0~100
501			500			0.060			0.90			800			2.0~50.0
102			1000			0.180			0.50			1400			1.0~40.0
202			2000			0.250			0.45			2000			0.5~15.0
302			3000			0.300			0.40			3000			0.5~10.0
402			4000			0.580			0.30			4000			0.5~5.0
502			5000			0.630			0.25			5000			0.5~3.0

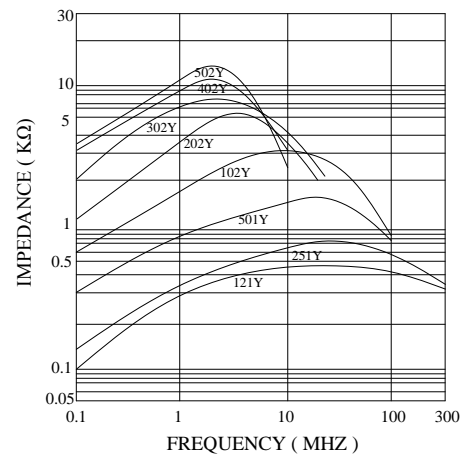
INDUCTANCE TOLERANCE: Y:  $\pm 40\%$

### ★ IMPEDANCE VS. FREQUENCY :

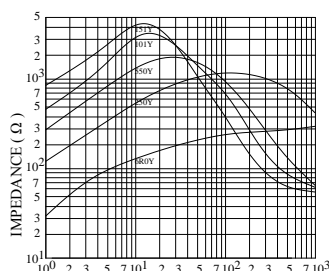
#### GTF 0402 SERIES



#### GTF 1006 SERIES



#### GTF 0703 SERIES



MEASURING CIRCUIT :

