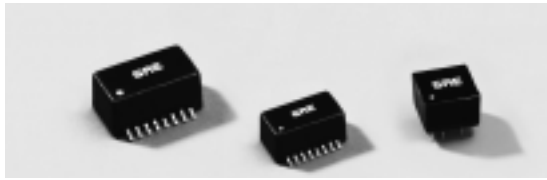
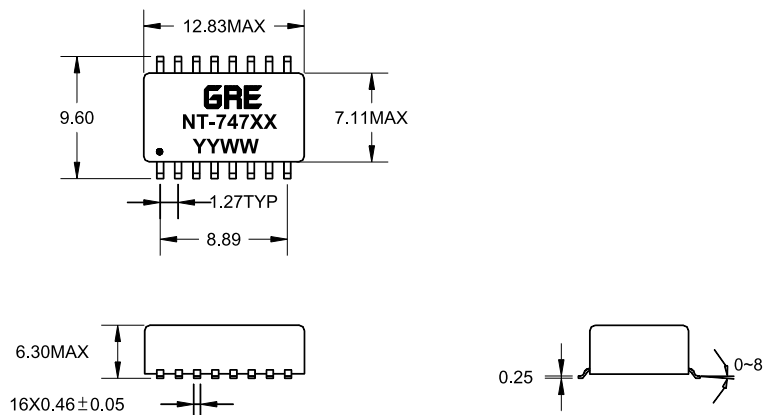


## TOKEN RING ISOLATION TRANSFORMER • SURFACE MOUNT PACKAGES



### Mechanical



Unit: mm

Unless otherwise specified, all tolerances are  $\pm 0.25$

### Electrical Specifications@25°C

Operating Temperature 0°C~70°C

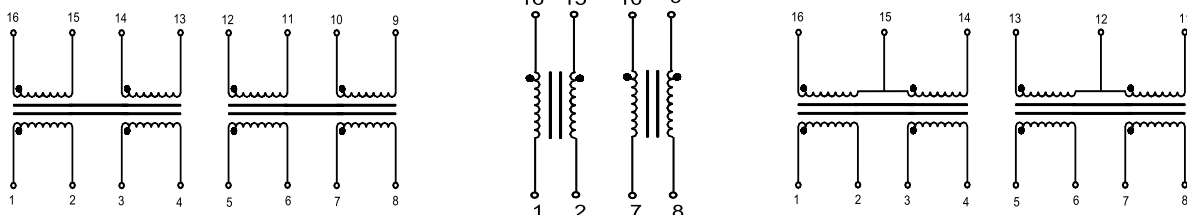
Part Number	Primary pins	Turn Ratio ( $\pm 2\%$ )	OCL ( $\mu H$ MIN)	C <sub>ww</sub> (pF MAX)	LL ( $\mu H$ MIN)	DCR ( $\Omega$ MAX)		Hi-pot (V <sub>rms</sub> )
						Pri	Sec	
NT-74700	1-2/3 -4/5 -6/7 -8	1:1	75	15	0.18	0.3	0.3	1500
NT-74701	1-2/3 -4/5 -6/7 -8	1:1.21	75	15	0.18	0.22	1.0	1500
NT-74702	--	1:1	50	--	--	--	1.0	1500
NT-74703	1-2/3 -4/5 -6/7 -8	1:1:2CT	710	15	0.70	--	--	1500

### Schematics

NT-74700, NT-74701,

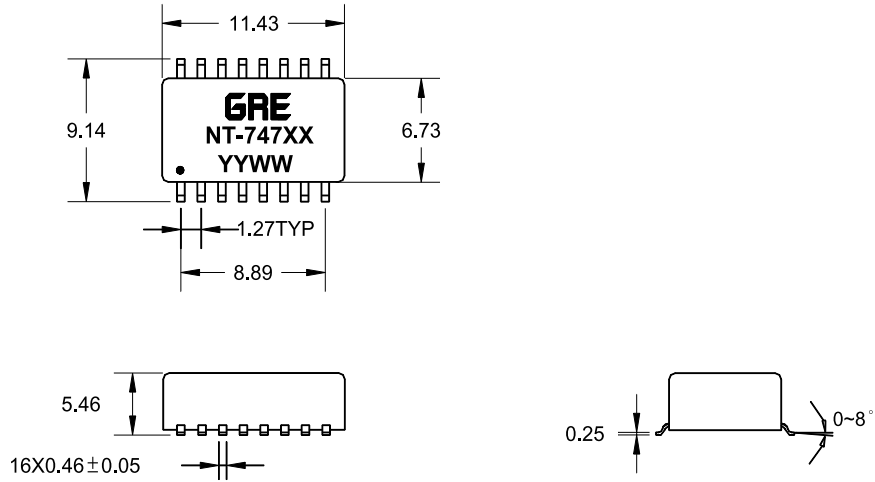
NT-74702,

NT-74703



## TOKEN RING ISOLATION TRANSFORMER • SURFACE MOUNT PACKAGES

### Mechanical



Unit: mm  
Unless otherwise specified, all tolerances are  $\pm 0.25$

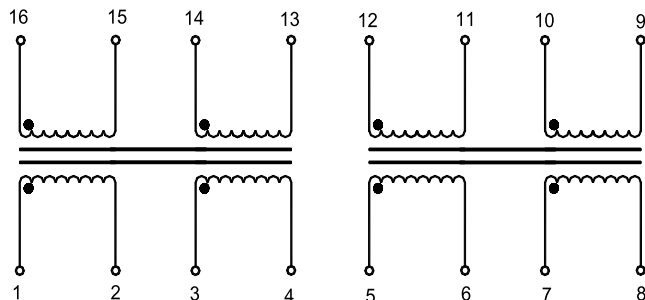
### Electrical Specifications@25°C

Operating Temperature 0°C~70°C

Part Number	Primary pins	Turn Ratio ( $\pm 3\%$ )	OCL ( $\mu H$ )	C <sub>ww</sub> ( $\mu F$ MAX)	LL ( $\mu H$ MIN)	DCR ( $\Omega$ MAX)		Hi-pot ( $V_{rms}$ )
						Pri	Sec	
NT-74704	1-2/3-4/5-6/7-8	1:2	75 $\pm 30\%$	14	0.30	0.2	0.4	1500
NT-74705	1-2/3-4/5-6/7-8	1:1	75 $\pm 30\%$	25	0.20	1.0	1.0	1500
NT-74706	1-2/3-4/5-6/7-8	1.22:1	250 $\pm 30\%$	15	0.50	0.4	0.4	1500

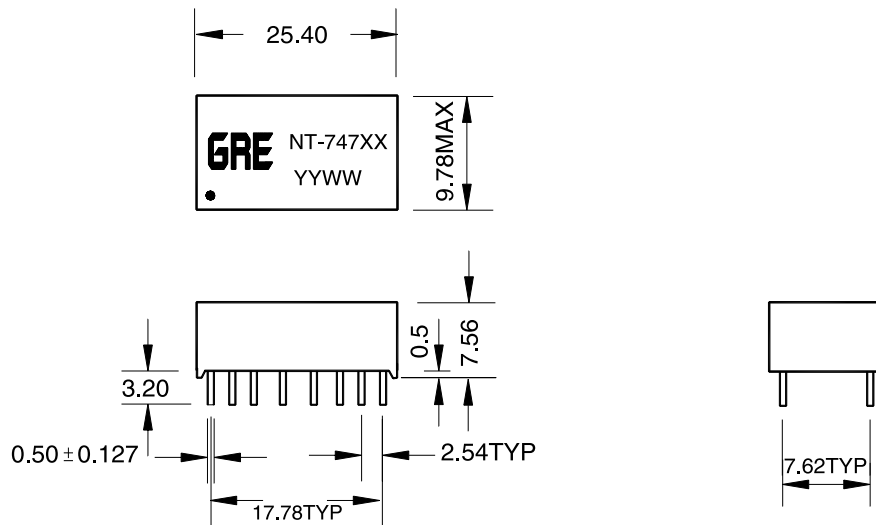
### Schematics

NT-74704, NT-74705, NT-74706



## TOKEN RING ISOLATION TRANSFORMER • THROUGH HOLE PACKAGES

### Mechanical



Unit: mm

Unless otherwise specified, all tolerances are ±0.25

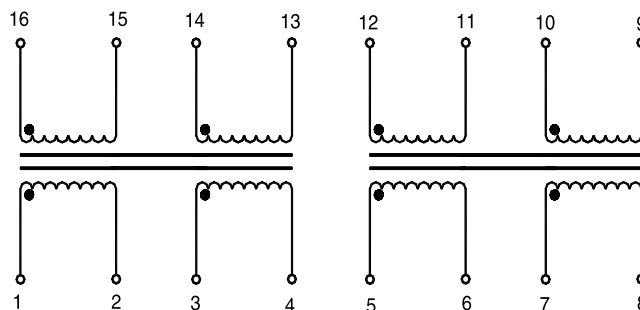
### Electrical Specifications@25°C

Operating Temperature 0°C~70°C

Part Number	Primary pins	Turn Ratio (±3%)	OCL (uH MIN)	C <sub>ww</sub> (pF MAX)	LL (uH MIN)	DCR (Ω MAX)		Hi-pot (V <sub>rms</sub> )
						Pri	Sec	
NT-74707	1-2/3 -4/5 -6/7-8	1:1	2600	30	0.50	1.0	1.0	1500
NT-74708	1-2/3 -4/5 -6/7-8	1:1	1200	20	0.40	1.0	1.0	1500

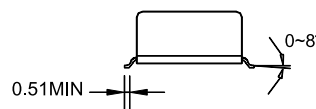
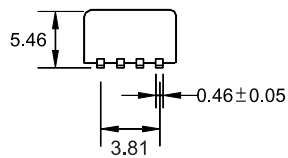
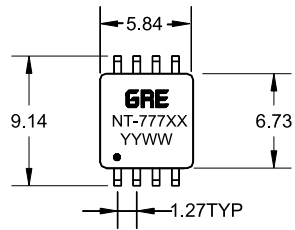
### Schematics

NT-74707, NT-74708



## TOKEN RING ISOLATION TRANSFORMER • SURFACE MOUNT PACKAGES

### Mechanical



Unit: mm  
Unless otherwise specified, all tolerances are  $\pm 0.25$

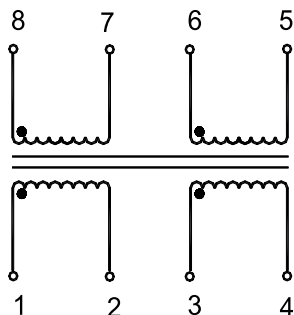
### Electrical Specifications@25°C

Operating Temperature 0°C~70°C

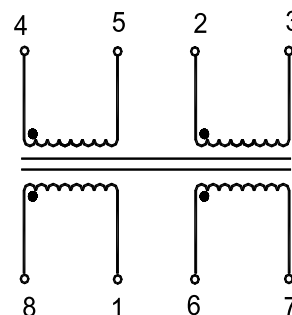
Part Number	Primary pins	Turn Ratio ( $\pm 3\%$ )	OCL ( $\mu H$ )	C <sub>ww</sub> (pF MAX)	LL ( $\mu H$ MIN)	DCR ( $\Omega$ MAX)		Hi-pot (V <sub>rms</sub> )
						Pri	Sec	
NT-77700	1-2/3 -4	1:2	75 $\pm$ 30%	14	0.30	0.2	0.4	1500
NT-77701	8-1/6 -7	1.22:1	100 $\pm$ 20%	10	0.20	0.3	0.3	1500
NT-77702	1-2/3 -4	1:1	242 $\pm$ 30%	20	0.60	0.6	0.6	1500
NT-77703	1-2/3 -4	1:2.44	75 $\pm$ 30%	15	0.20	0.5	0.5	1500

### Schematics

NT-77700, NT-77702, NT-77703

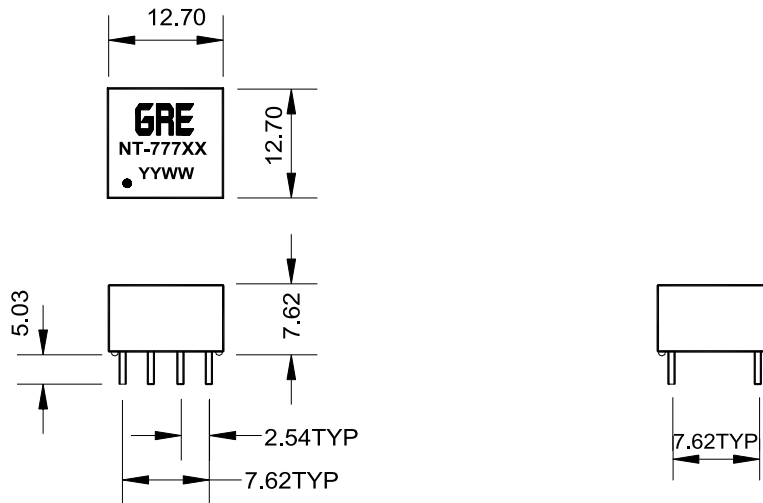


NT-77701



## TOKEN RING ISOLATION TRANSFORMER • THROUGH HOLE PACKAGES

### Mechanical



Unit: mm

Unless otherwise specified, all tolerances are  $\pm 0.25$

### Electrical Specifications@25°C

Operating Temperature 0°C~70°C

Part Number	Primary pins	Turn Ratio ( $\pm 3\%$ )	OCL ( $\mu\text{H MIN}$ )	Cww ( $\text{pF MAX}$ )	LL ( $\mu\text{H MIN}$ )	DCR ( $\Omega \text{ MAX}$ )		Hi-pot ( $\text{Vrms}$ )
						Pri	Sec	
NT-77704	1-2/3-4	1:2	500	20	0.7	0.6	0.8	1500
NT-77705	1-2/3-4	1:1	500	20	0.2	0.25	0.25	1500
NT-77706	1-2/3-4	1:2	900	25	1.0	1.2	1.2	1500

### Schematics

NT-77704, NT-77705, NT-77706

