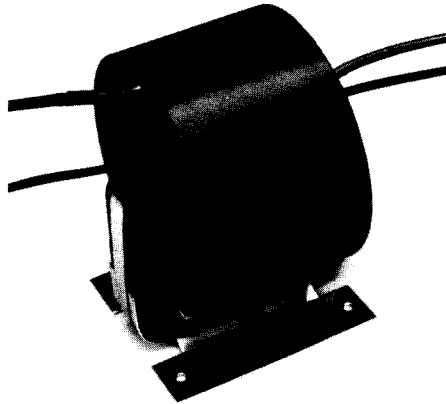
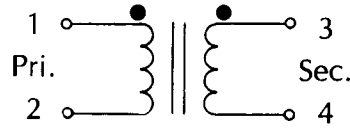


## Trigger Transformer



Schematic



### Features:

- Applications include Laser firing circuits
- Designed for low cost trigger source isolation in power control circuits
- Epoxy molded for durability and reliability
- Double banded for extra support
- Rugged 16 Ga., plated steel mounting bracket
- Designed to transfer high amplitude or long duration pulses without saturation

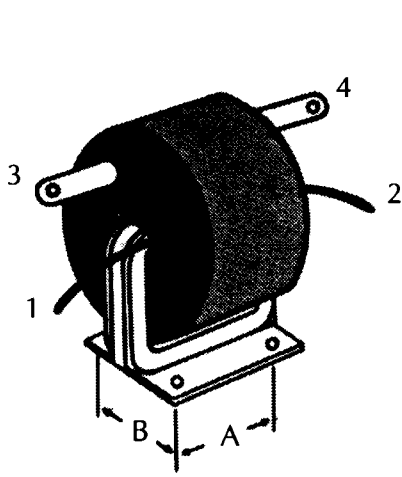
### Variations:

- Choice of terminals and terminal location
- Autotransformer types available

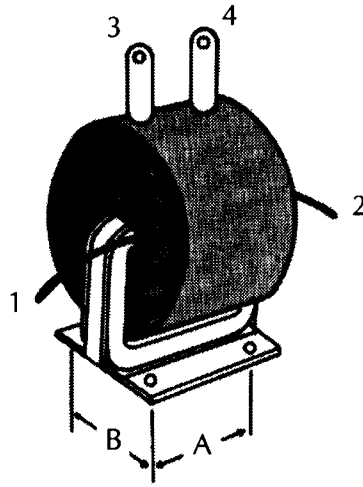
### Dimensions and Configuration

Catalog Number	Peak Output Voltage Maximum (kV)	Rise Time 10-90% (uS)	Pulse Width 50% Amplitude (uS)	Maximum Input DC Source (Volts)	Primary Pulse Current (A)	Turns Ratio Secondary To Primary	Holdoff Primary To Secondary (kVdc)	Secondary Inductance		Secondary Resistance (ohms)	Maximum Current DC (A)
								(mH) unsat	(uH) sat		
455-1368-000	30	0.3	0.5	1500	5000	30:1	30	2.3	80	0.025	25
455-1369-000	3	1.0	3.5	1500	180	3:1	30	2.6	80	0.012	25
455-1370-000	30	1.0	3.5	800	1400	50:1	30	15.0	300	0.060	15
455-1371-000	25	0.5	0.8	1500	3000	25:1	30	1.4	60	0.012	40
455-1372-000	30	1.0	1.0	1000	4000	30:1	30	22.0	500	0.060	15
455-1373-000	30	1.0	1.0	1000	4000	30:1	30	22.0	500	0.060	15
455-1374-000	40	0.4	0.8	1500	3500	30:1	30	3.6	125	0.012	80

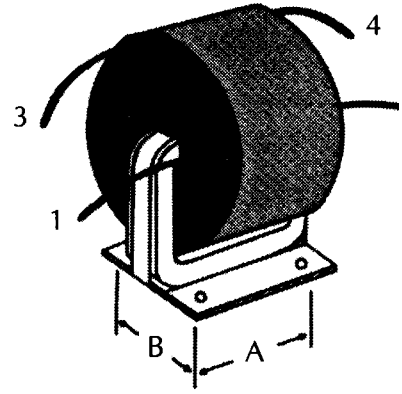
## Trigger Transformer



Terminal Option - 1



Terminal Option - 2



Terminal Option - 3

### Dimensions and Configuration

Type	Nominal Dimensions (note 2)				Mounting Hole Dimensions (inches)			Term Opti
	Length (inches)	Width (inches)	Height (inches)	Weight (lb)	A	B	Diameter	
455-1368-000	3.70	3.20	5.40	3.5	3.100	1.500	0.187	1
455-1369-000	3.70	3.20	5.40	3.5	3.100	1.500	0.187	1
455-1370-000	3.02	3.66	4.08	3.5	2.300	2.000	0.187	3
455-1371-000	3.70	3.20	5.40	4.0	3.100	1.500	0.187	1
455-1372-000	6.00	4.60	5.60	10.0	3.375	2.500	0.187	2
455-1373-000	4.25	4.60	7.10	10.0	3.375	2.500	0.187	1
455-1374-000	6.00	4.60	5.60	10.0	3.375	2.500	0.187	2

Note: 1. Ratings are for 50% Duty Cycle  
2. Length or width includes terminals

