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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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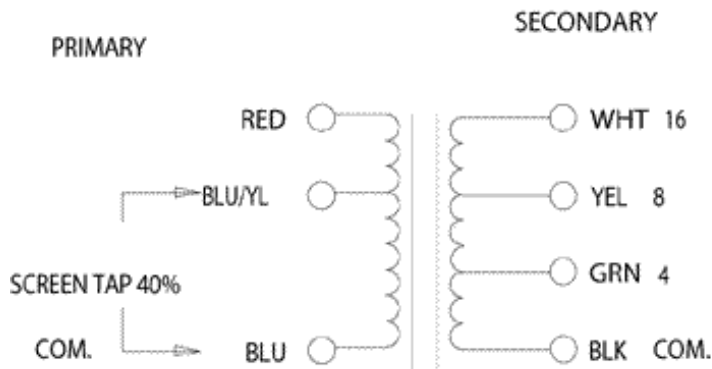
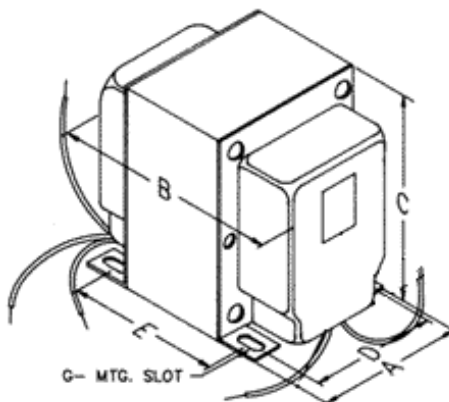


## Tube Output (30 - 75 Watts) Single Ended - HI-FI 1627-1642 Series

### Features



- "Over designed" for high fidelity, single ended, Class-A, tube output circuits (triode, tetrode or pentode tubes).
- Enclosed (shielded), four slot, chassis Type "X" mounting.
- Frequency response at least 20 Hz. to 20 KHz. at full rated power (+/- 1 db max., ref. 1 KHz.)
- Insulated flexible leads 8" min.
- For maximum versatility, all units (except the 1642SE & 1638SEA) include a 40% screen tap for Ultra-Linear, tetrode/pentode operation (if desired). The 1642SE & 1638SEA do NOT include this screen tap as they were designed principally for high impedance triode tubes.
- High quality laminations, (M6) grain oriented silicon steel.
- Core is gapped to reduce core saturation in Class-A tube amplifier circuits.
- For general purpose or replacement use in single ended tube output circuits see our **125SE Series**.



Part No.	Audio Watts	Primary		Ultra-Linear Tap	Secondary Impedance (Ohms)	Hipot Test (VRMS)	Weight (lbs.)	Overall Dimensions					Mounting Slot	
		Impedance (Ohms)	Max. DC Bias					Inductance	A	B	C	D		E
1626SEA	25	600	200 ma.	2.9 Henrys	Yes	4-8-16	2000	11	3.75	4.44	4.56	3.00	3.31	0.20 x 0.38
1640SEA	30	1250	200 ma.	14 Henrys	Yes	4-8-16	2000	11	3.75	4.95	4.56	3.00	3.90	0.20 x 0.38

Part No.	Audio Watts	Impedance (Ohms)	Primary Max. DC		Inductance	Tap	Ultra-Linear	Secondary	Hipot	Weight (lbs.)	Overall Dimensions					Mounting
			40% Primary	Impedance			Test	Test	A		B	C	D	E	Slot	
			Bias				(Ohms)	(VRMS)	(lbs.)							
1627SEA	30	2500	160 ma.	20 Henrys	Yes	4-8-16	2000	11	3.75	4.50	4.56	3.00	3.81	0.20	x	0.38
1630SEA	30	3500	135 ma.	42 Henrys	Yes	4-8-16	2000	11	3.75	4.98	4.65	3.00	3.90	0.20	x	0.38
1628SEA	30	5000	120 ma.	48 Henrys	Yes	4-8-16	2000	11	3.75	4.50	4.56	3.00	3.81	0.20	x	0.38
1642SE	75	5000	300 ma.	53 Henrys	No	4-8-16	3500	28	4.38	7.50	5.25	3.50	5.88	0.20	x	0.38
1629SEA	30	6500	100 ma.	55 Henrys	Yes	4-8-16	2000	11	3.75	4.50	4.56	3.00	3.88	0.20	x	0.38
1638SEA	30	10000	90 ma.	88 Henrys	No	4-8-16	2000	11	3.75	4.88	4.56	3.00	3.90	0.20	x	0.38

- RED wire connects to B+
- BLUE/YELLOW wire connects to screen (optional use)
- BLUE wire connects to the tube plate
- The 1642SE & 1638SEA do not include a primary screen tap (as they are designed for triode applications).

## Suggested Tube Types:

Part No.	Triodes	Pentodes
1626SEA	6C33	-
1640SEA	Parallel - 2A3, 6A3, 6B4G, 300B, 572B, 811A	Parallel - 6550, 6CA7
1627SEA	2A3, 6A3, 6B4G, 300B	6CA7, 6L6, 807, 5881, 6550, Parallel - 6AQ5, 6V6, EL84
1630SEA	2A3, 6A3, 6B4G, 300B	6CA7, 6L6, 807, 5881, 6550, Parallel - 6AQ5, 6V6, EL84
1628SEA	211, 300B, 572B, 811A	6AQ5, 6V6, 6L6, 807, 5881, 6550, EL84
1642SE	Parallel - 211, 572, 811A, 845	-
1629SEA	211, 811A, 572B, 845	6AQ5, 6V6, 6L6, 807, 5881, 6550, EL84
1638SEA	211, 845	-

**Notes:** The above examples of possible combinations are to help you narrow down the choices of transformers for your favorite tube types. How you operate the tubes (ultra-linear, bias, plate voltage, operating points, etc.) will change optimum plate load impedance. Only a few of the most popular tubes are shown. A tube manual or tube manufacturer's technical data sheets should be consulted first, before making a decision on a proper output transformer.

*Data subject to change without notice*