



Replacement Item

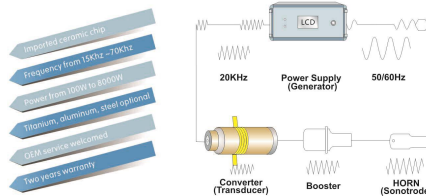
Item No.	Connect screw (Size)	Ceramic diameter (mm)	Qty of ceramic (PC)	frequency (kHz)	Resistance (Ω)	Color of the ceramic	Capacitance (nF)	Input power (W)
Branson CJ20	1/2-20UNF	50	6	19.90	10	Yellow	20000	3300
Branson 502	1/2-20UNF	50	6	19.90	10	Yellow	20000	3300
Branson402	M8*1.25	25	4	39.60	10	Yellow	4200	800
Branson 4TH	M8*1.25	25	4	39.90	10	Yellow	4200	800
Branson 902	1/2-20UNF	40	4	19.95	10	Yellow	8000	1100
Branson 922J	1/2-20UNF	50	6	19.90	10	Yellow	20000	2200
Dukane 40k	M8*1.25	35	2	39.90	5	Grey	3000	800
Dukane 20k	1/2-20UNF	50	2	19.50	10	Yellow	11000	2000
Dukane 110-312K	1/2-20UNF	50	4	19.50	10	Yellow	11000	2000
Dukane 110-316B	1/2-20UNF	45	2	19.50	10	Yellow	4000	800
Rinco 35K	M8*1.25	25	2	34.90	50	Yellow	2000	900
Rinco 20K	M16*2	50	2	19.90	50	Yellow	5000	3000
Telsonic 35K	M8*1.25	25	4	35.00	5	Yellow	4000	1200
Telsonic 20K	1/2-20UNF	50	4	20.00	3	Yellow	10000	2500

Special items can customized for you...

ULTRASONIC TRANSDUCER / CONVERTER

Piezoelectric transducer is the electric charge that accumulates in certain solid materials in response to applied mechanical stress. It is key part of the ultrasonic welding/cutting/sealing/joining/bonding equipment. The transducer decide the property of the machine. We can supply transducer, also transducer with house and booster.

We can supply Ultrasonic welding transducer /converter to replace some famous brand , such as Branson / Telsonic / Rinco / Dukane and obtained well reputation. Now we are developing customize transducer for whole machine company, welcome to inquire OEM transducers.



Transducer is the core part of the ultrasonic whole machine. Ceramic chip is the key part for transducer , so we insist on using the best ceramic chip.



Hangzhou Altrasonic Technology Co., Ltd.
 Email: admin@altrasonic.com Tel: (86) 571-88638953 Cell: (86) 15158107730
 www.ultrasonicweldingtransducer.com www.altrasonic.com

The columnar type
 (stabilized power and widely application)

Technical parameters

Item No.	Connect screw	Ceramic diameter (mm)	Qty of ceramic	frequency (kHz)	Capacitance(nF)			Input power (W)	Max. Amplitude (µm)
					Yellow	Grey	Black		
7015-4Z	M20 X 1.5	70	4	15	12.5-14	/	17-19	2600	16
6015-4Z	M20 X 1.5 or M16 X 1	60	4	15	8-10	10-12	12.5-13.5	2200	16
6015-6Z	M20 X 1.5	60	6	15	14-16	/	19.5-21	2600	16
5015-4Z	M18 X 1.5	50	4	15	12-13	13-14.3	15-17	1500	12
4015-4Z	M16 X 1	40	4	15	10-11	10.5-11.5	/	700	12
5520-4Z	M18 X 1	55	4	20	10-11	10.5-11.5	14.3-20	2000	10
5020-6Z	M18 X 1.5	50	6	20	18.5-20	/	22.5-25	2000	10
5020-4Z	M18 X 1.5	50	4	20	11-13	13-15	15-17	1500	10
5020-2Z	M18 X 1.5	50	2	20	6-8.5	6.5-7	8-9	800	10
4020-4Z	1/2-20UNF	40	4	20	9-10	9.5-11	/	900	8
4020-2Z	1/2-20UNF	40	2	20	/	4.8-5.5	/	500	8
5025-2Z	M12 X 1	50	2	25	5-5.6	/	7-8	500	6
3828-2Z	1/2-20UNF	38	2	28	3.8-4.3	/	/	500	6
3828-4Z	1/2-20UNF	38	4	28	7.6-8.5	/	10.5-12	800	6
3028-2Z	3/8-24UNF	30	2	28	2.7-3.1	3.4-3.8	/	400	10
2528-4Z	M8 X 1	25	4	28	3.9-4.3	/	/	400	10
2528-2Z	M8 X 1 or 3/8-24UNF	25	2	28	1.95-2.2	2.2-2.5	/	300	10
3030-4Z	M10	30	4	30	/	6.2-6.9	/	700	6
3035-2Z	3/8-24UNF	30	2	35	2.7-3.1	/	/	500	6
3035-4Z	M10 X 1	30	4	35	5-6.2	/	/	800	4
2535-2Z	M8 X 1	25	2	35	1.9-2.2	/	/	400	4
2540-2Z	3/8-24UNF	25	2	40	/	2-2.3	/	500	4
3040-4Z	M10	30	4	40	5.5-6.2	/	/	1000	4
3050-4Z	M8	30	4	50	5.5-6.2	/	/	600	4
1560-2Z	M8 X 0.75	15	2	60	/	/	0.7-0.8	100	4
1070-2Z	M4	10	2	70	/	/	0.35-0.4	100	2



The upside-down trumpet type
 (larger amplitude and bigger output power, high-sound intensity and high-power density application)

Technical parameters

Item No.	Connect screw	Ceramic diameter (mm)	Qty of ceramic	frequency (kHz)	Capacitance(nF)			Input power (W)	Max. Amplitude (µm)
					Yellow	Grey	Black		
7015-4D	M20 X 1.5	70	4	15	12.5-14	/	17-19	2600	18
6015-4D	M18 X 1.5	60	4	15	9-10	10-11	/	2200	18
6015-6D	1/2-20UNF	60	6	15	19-20.5	/	23-25	2600	18
5015-6D	1/2-20UNF	50	6	15	17-19	/	23-25	2000	16
5020-4DS	1/2-20UNF	50	4	20	11-12	12-13.5	/	1300	12
5020-4D	1/2-20UNF	50	4	20	11-12	12-13.5	14.5-16	1600	12
5020-6D	1/2-20UNF	50	6	20	19-21	/	22.5-25	2000	12
4020-6D	1/2-20UNF	40	6	20	13.5-15	/	/	1500	10
4020-4D	1/2-20UNF	40	4	20	8.5-9.3	10-11	10.5-11.5	900	10
3020-6D	3/8-24UNF	30	6	20	8-9	/	/	600	9
3030-4D	M8 or M8 X 1	30	4	30	/	6.2-6.9	/	800	8
3535-2D	M8 X 1	35	2	35	/	/	4.5-5	600	6
3535-4D	M8 X 1	35	4	35	6.6-7.4	/	9-10	1000	6
3035-4D	1/2-20UNF	30	4	35	5.5-6.2	/	9.2-10.2	800	6
2535-4D	M8	25	4	35	3.9-4.3	/	/	500	6
3040-2D	M8	30	2	40	/	3.4-3.8	/	500	6
2540-4D	M8	25	4	40	4.5-5.3	/	/	500	5
2040-2D	M8	20	2	40	1.1-1.3	1.15-1.35	/	300	4
replacement 402	1/2-20UNF	40	4	20	7.8-8.5	/	/	900	20
replacement 502	1/2-20UNF	50	4	20	11.5-12.5	/	/	2000	20
replacement CJ20	1/2-20UNF	50	6	20	19-21	/	/	4000	20
5020-6Z	1/2-20UNF	50	8	20	29-30	/	/	6000	20
replacement CV231	M8	25	4	38.3-39.0	35-45	/	/	500	/
replacement LV3510	M8	32	2	36.2-37.0	32-4	/	/	400	/
replacement CB3615A	M8	32	2	36.5-37.5	33-4	/	/	400	/

