

High Power Converters



5020-6PS
20 kHz, 3000 W



5020S-6PS
20 kHz, 3000 W
Silicone flex housing

Water-jacket cooled also available (for very high operating temperatures and heavy loading)

5020S-6PS-WC
20 kHz, 3000 W
Silicone flex housing & water jacket



20 kHz, 1000 W



20 kHz, 500 W

Silicone flex housings also available



36 kHz, 500 W



36 kHz, 500 W
Metal-ring protected

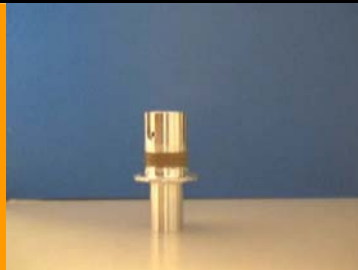


36 kHz, 500 W
Shrinkable-Teflon tube protected

Silicone flex housing models also available



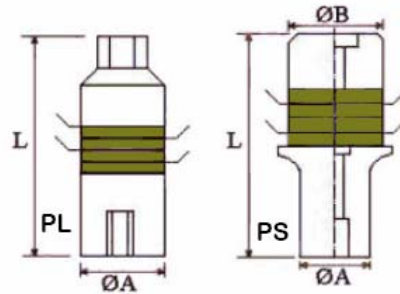
3540-2PS
38 kHz, 500 W



36.8 kHz, 500 W

Silicone flex housings also available

Different Welding Transducers



Specification for ordering

CONVERTER TYPE	RESONANT FREQUENCY	RESONANT IMPEDANCE	STATIC CAPACITANCE	RADIATING SURFACE DIAMETER	TOTAL LENGTH	MAX OPERATING POWER
	kHz	Max Ω	pF	TAP	mm	watt
5020-4PL	19.8 +/-0.3	10	13000 +/-15%	M18, P1.5	125.3	1,400
5020-4PS	19.6 +/-0.3	10	13000 +/-15%	M18, P1.5	114.3	1,500
6015-4PL	14.8 +/-0.2	10	12000 +/-15%	M20, P1.5	161.8	1,800
6015-4PS	14.7 +/-0.2	10	12000 +/-15%	U.N.F	148.3	2,200
70150-4PL	14.8 +/-0.2	8	17000 +/-15%	M24, P1.5	163.6	2,400
3020-2PL	19 +/-1	100	2500 +/-10%	M10, P1.0	131.2	300
3020-2PLF	19 +/-1	100	2500 +/-10%	M10, P1.0	131.2	300
3028-2PL	28 +/-1	30	2500 +/-10%	M10, P1.0	91.5	200
3028-2PS	28 +/-1	30	2500 +/-10%	M8, P1.25	95.4	200
3028-2PLF	28 +/-1	30	2500 +/-10%	M10, P1.0	93	200
4427-4TPL	27 +/-1	20	7600 +/-10%	M12, P1.0	107	400
3540-2PS	38 +/-1	20	3800 +/-10%	M8, P1.0	61.5	200
3550-2PL	50 +/-1	50	2300 +/-10%	M10, P1.0	48	200
1560-2PL	60 +/-2	100	500 +/-15%	-	84	100
2030-4TPL	27 +/-1	60	3400 +/-10%	M6, P1.0	86.3	300