



SYNTON-TECH CORPORATION

POWER WIREWOUND RESISTORS Ribbon Wirewound Resistors

File No.:	QH-02-#C035
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1. FEATURE

- HIGH RESISTIVITY TO HEAT, SMALL RESISTANCE TEMP. COEFFICIENT AND THE CHANGE IN RESISTANCE WITH TEMPERATURE BEING LINEAR.
- RESISTANCE VALUE UNCHANGED AFTER LONG USE, GOOD RESISTIVITY TO SHORT TIME OVERLOAD.
- SMALL IN SIZE BUT CAPABLE OF CARRYING HIGH POWER LOAD.
- MULTI-TERMINAL TYPES VARIABLE TYPES AVAILABLE.

2. PERFORMANCE

- RESISTING 400°C MAX CONTINUOUSLY
- TERMINAL STRENGTH: 20KG MIN
- RESISTANCE TOLERANCE: BELOW 5Ω: ±10%, 5Ω AND ABOVE : ±5%
- HEAT DISSIPATIONS ULTRALLY EXCELLENT
- SMALL SIZE VERSUS LARGE CURRENTS

APPROVED	CHECKED	DESIGNED	REMARK	DOCUMENT NO.
Carol	May	Chen		0201010154



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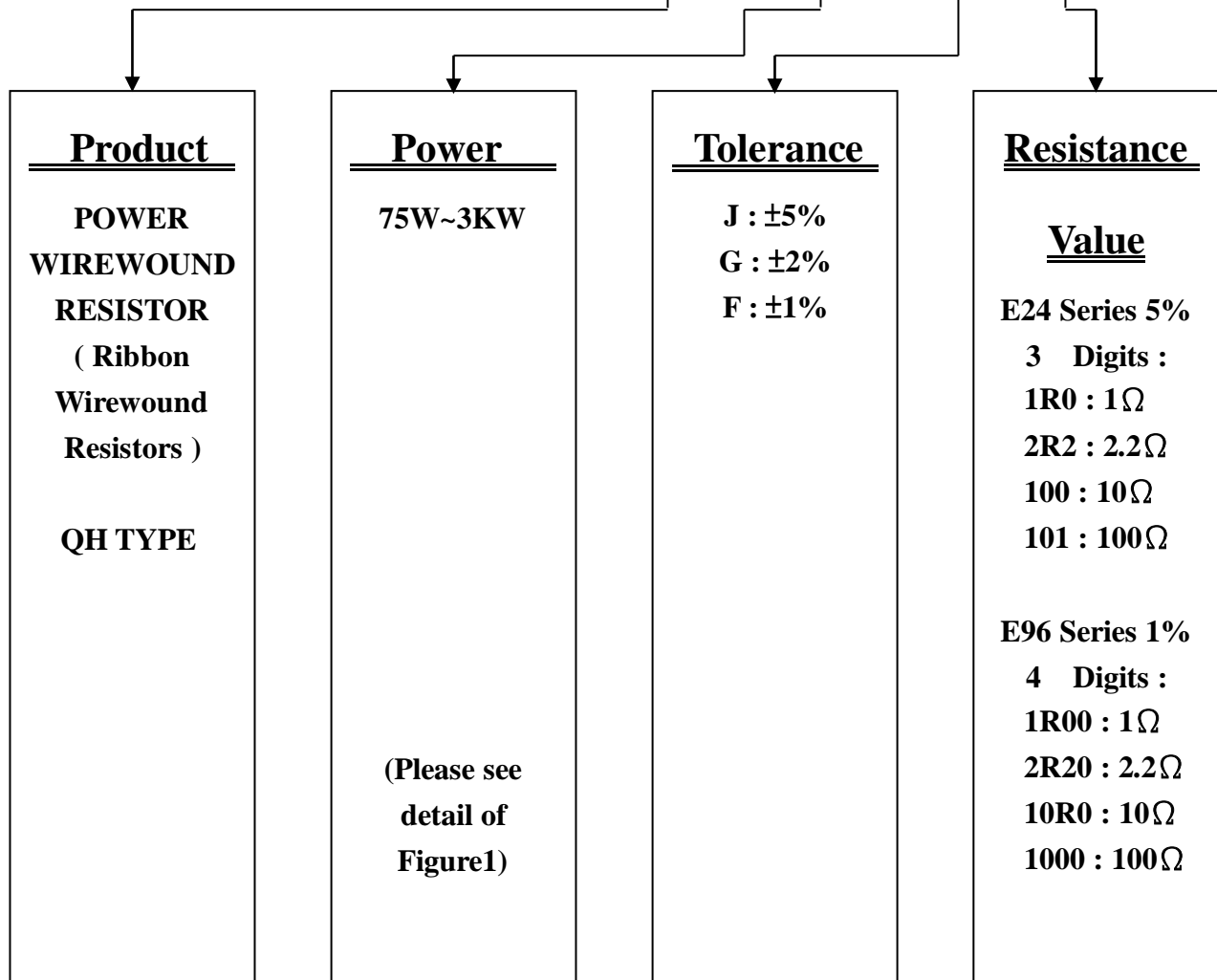
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3. EXPLANATIONS OF ORDERING CODE

Example : DESCRIPTION : QH 300W 5% 10Ω

SYNTON CODE : QH 300W J 100

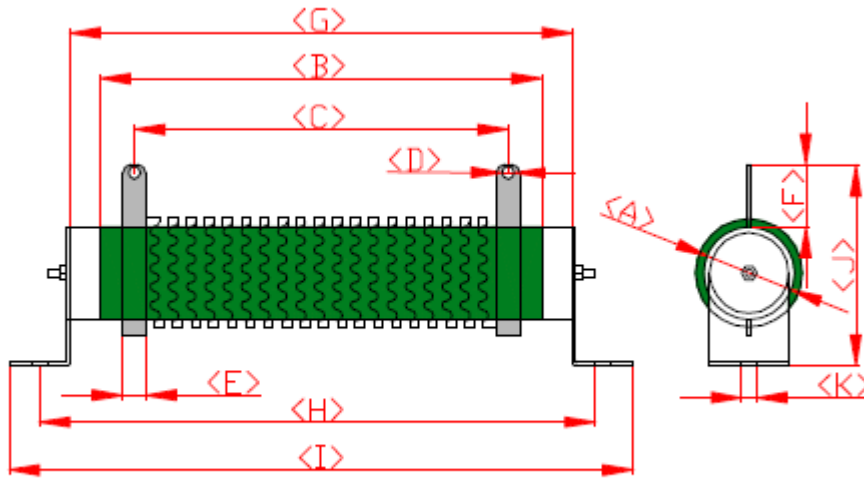




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4. RATING & GENERAL SPECIFICATION





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5. DIMENSION

TYPE	DIMENSION(mm)											Resistance Range (Ω)
	A \pm 1	B \pm 2	C \pm 2	D \pm 0.1	E \pm 0.2	F \pm 1	G \pm 2	H \pm 2	I \pm 2	J \pm 2	K \pm 0.1	
QH-75W	25	110	94	5.2	8	19	120	142	164	58	6	0.7 ~ 8 Ω
QH-90W	28	90	72	5.2	8	17.6	101	125	145	60	6	0.1 ~ 9 Ω
QH-120W	28	110	92	5.2	8	17.6	121	145	165	60	6	0.1 ~ 12 Ω
QH-150W	28	140	122	5.2	8	17.6	151	175	195	60	6	0.3 ~15 Ω
QH-180W	28	160	142	5.2	8	17.6	171	195	215	60	6	0.3 ~ 18 Ω
QH-225W	28	195	177	5.2	8	17.6	206	230	250	60	6	0.3 ~23 Ω
QH-240W	35	185	167	5.2	8	18	197	219	249	75	8	0.5 ~ 24 Ω
QH-300W	35	210	190	5.2	8	18	222	244	274	75	8	0.5 ~ 30 Ω
QH-375W	40	210	186	5.5	10	17.5	224	245	277	88.8	9	0.8 ~ 38 Ω
QH-450W	40	260	240.5	5.5	10	17.5	273	294	327	88.8	9	0.8 ~ 45 Ω
QH-600W	40	330	304.5	5.5	10	17.5	343	362	396	88.8	9	0.8 ~ 60 Ω
QH-750W	50	330	298	6.4	12	25.5	346	367	400	99	10	1.0 ~ 75 Ω
QH-900W	50	400	368	6.4	12	25.5	416	437	470	99	10	1.0 ~ 90 Ω
QH-1000W	50	460	428	6.4	12	25.5	475	497	528	99	10	1.0 ~ 100 Ω
QH-1200W	60	460	420	6.4	15	28	480	502	533	112	10	1.5 ~ 120 Ω
QH-1300W	60	460	420	6.4	15	28	480	502	533	112	10	1.5 ~ 120 Ω
QH-1500W	60	540	500	6.4	15	28	560	582	613	110	10	1.5 ~ 150 Ω
QH-2000W	65	650	615	6.4	15	31	672	696	725	125	10	2.0 ~ 200 Ω
QH-3000W	70	600	565	6	15	32	604	630	656	132	10	1.0 ~ 50 Ω

Figure 1