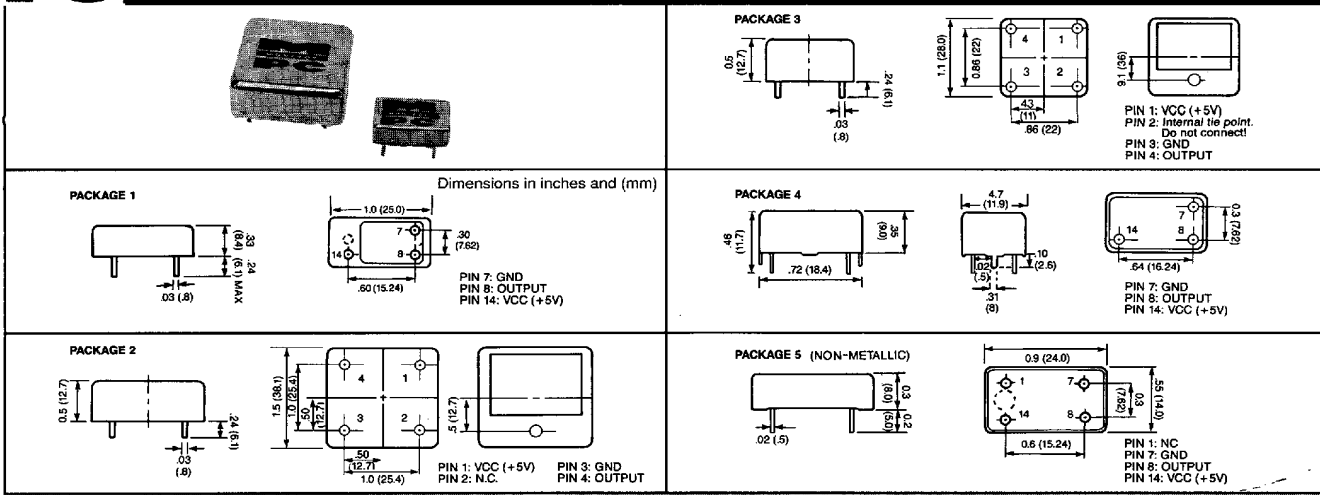




MONITOR PRODUCTS 7400 SERIES LOW COST INDUSTRIAL TCXO



7400 SERIES TEMPERATURE COMPENSATED OSCILLATOR SPECIFICATIONS

MPC Part #	Output Frequency	Frequency Stability vs. Temperature ¹	Input Voltage	Output Level	Input Current (Max)	Operating Temperature ²	Package Number
7400 Specifications							
7400A1A1	5 MHz - 20 MHz	±0.5 ppm 15°C to 35°C	±5VDC ±5%	TTL Compatible	20mA	5°C to 45°C	1
7400B2A1	5 MHz - 20 MHz	±1 ppm 0°C to 50°C	±5VDC ±5%	TTL Compatible	20mA	-10°C to 60°C	1
7400D4A1	5 MHz - 20 MHz	±2 ppm -10°C to 60°C	±5VDC ±5%	TTL Compatible	20mA	-20°C to 70°C	1
7401 Specifications							
7401B2*2	1 MHz - 20 MHz	±1 ppm 0°C to 50°C	±5VDC ±5%	CMOS, TTL 1.0V Peak to Peak Clipped Sine Wave	20 mA 12 typical	-10°C to 60°C	2
7401B4*2	1 MHz - 20 MHz	±1 ppm -10°C to 60°C	±5VDC ±5%	CMOS, TTL 1.0V Peak to Peak Clipped Sine Wave	20 mA 12 typical	-20°C to 70°C	2
7401D7*2	1 MHz - 20 MHz	±2 ppm -20°C to 70°C	±5VDC ±5%	CMOS, TTL 1.0V Peak to Peak Clipped Sine Wave	20 mA 12 typical	-30°C to 75°C	2
* TTL Output = A		CMOS Output = B (5V input)	SINE Wave Output = C	CMOS Output = D (12V input)	EXAMPLE: 7401B2A2 or 7401B2B2		
7402 Specifications							
7402D7A3	1 MHz - 20 MHz	±2 ppm -20°C to 70°C	±5 VDC ±5%	TTL Compatible	20 mA	-30°C to 70°C	3
7402C6A3	1 MHz - 20 MHz	±1.5 ppm -25°C to 60°C	±5 VDC ±5%	TTL Compatible	20mA	-25°C to 70°C	3
7402F8A3	1 MHz - 20 MHz	±3 ppm -30°C to 75°C	±5 VDC ±5%	TTL Compatible	20mA	-40°C to 80°C	3
7403 Specifications							
7403G2A4	9.9 MHz - 24 MHz	±5 ppm 0°C to 50°C	±5 VDC ±10%	1 - 5 TTL Gates	20 mA	0°C to 50°C	4
7403G2A5	9.9 MHz - 24 MHz	±5 ppm 0°C to 50°C	±5 VDC ±10%	1 - 5 TTL Gates	20 mA	0°C to 50°C	5
7403G2B5	9.9 MHz - 24 MHz	±5 ppm 0°C to 50°C	±5 VDC ±10%	CMOS, 1 TTL	15 mA	0°C to 50°C	5

Symmetry: 60/40

Frequency Stability vs. Aging: ±1 ppm/year

Frequency Adjustment: ±5 ppm per means of internal trimmer

¹ Frequency Stability is guaranteed only over specified temperature range.

² Operating Temperature Range is for information only, stability is not assured.

7400 PART NUMBERING KEY

EXAMPLE: 7400A1A1-10.000

FAMILY	FREQUENCY STABILITY	TEMPERATURE RANGE	OUTPUT LEVEL	PACKAGE	FREQUENCY
7400	A = ± 0.5 PPM	1 = +15°C to +35°C	A = TTL	1	
7401	B = ± 1.0 PPM	2 = 0°C to +50°C	B = CMOS (5 VOLT INPUT)	2	
7402	C = ± 1.5 PPM	3 = 0°C to +70°C	C = SINE WAVE	3	
7403	D = ± 2.0 PPM	4 = -10°C to +60°C	D = CMOS (12 VOLT INPUT)	4	
7404	E = ± 2.5 PPM	5 = -15°C to +55°C		5	
	F = ± 3.0 PPM	6 = -25°C to +65°C			
	G = ± 5.0 PPM	7 = -20°C to +70°C			
		8 = -30°C to +75°C			

All specifications subject to change without notice.

Part numbers of products on this page cannot be modified. Part number key is provided for information only and cannot be used to construct a part number. To satisfy requirements for modified specifications, please contact the factory for specification confirmation and part number assignment.

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