SMD Oscillator

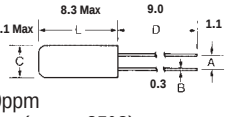
5.0V HCMOS/TTL output

- Frequency stability: ±100ppm
- Dimensions: 7.5mmW x 1.5mmH x 5.2mmD

Part No.	Product No.	Freq. (MHz)	Imped.	Pricing 1	10	100
1592263	F3345-200R	20	25mA	$1.95	$1.79	$1.59

Tuning Forks

- Operating temperature range: -10°C to +60°C
- Frequency: 32.768kHz
- Drive level: 1mW
- Frequency tolerance: ±50ppm
- Aging for first year: ±3ppm (max. +25°C)



Part No.	Comparable to:	Imped.	1	10	100
14584	CY32.76	10.5pF	$.35	$.29	$.25
325244	JVP-325243R	12.5pF	.35	.29	.25

Crystal Oscillator Sockets

- Good for prototyping and PCB mounting
- Can be PCB mounted without the modifications that would be needed with DIP-IC sockets
- Low profile solder tail; machine tooled on 4 pins

133006

Part No.	Description	★Web Code: COS	1	10	100
676385	8-pos. socket for half can R		$.39	$.35	$.29
133006	14-pos. socket for full can		.55	.45	.35

Fuse Holders

★Web Code: UEA

Omni-Blok® Molded Base Fuse Block

- Solder terminal • 1-3AG, 2-5x20mm
- Dielectric strength: 1500V min.
- Clip/terminals: tin plated spring brass

Part No.	Mfr. Part No.	Curr. Rating	Size	1	10	100
1712608	520101R	10A, 300V	2	$.69	$.65	$.59
1711947	354001-GYR	15A, 300V	1	.95	.85	.79

Panel Mount for 3AG Fuses

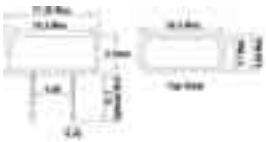
- Dielectric strength: 2400V min.
- Black thermoplastic, UL94V-0
- Terminals: copper & copper alloy, tin plated

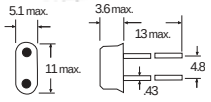
Part No.	Mfr. Part No.	Curr. Rating	1	10	100
1711681	342012R	20A	$1.99	$1.69	$1.59

For R/C Crystal Oscillators, See page 189

Crystals

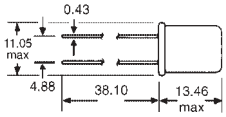
★Web Code: EAU


HC49/US Low Profile Case

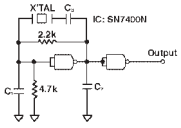


HC49/S Low Profile Case

- Frequency calibration tolerance: ±50ppm @ 25°C
- Freq. stability tolerance: ±50ppm from -10° to +60°C
- Operating temperature: -10°C to +60°C
- Shunt capacitance: 7pF max. • Drive level: 4.0mW max.



HC49/U (HC18/U) Case
Dimensions in millimeters



C1: 150-470 pF
C2: 220-820 pF
C3: Match crystal impedance

Application Reference (4~14MHz) (parallel resonance)

HC49/U (HC18/U) Case

Part No.	*Mfr.	Frequency (MHz)	Impedance	Pricing 1	10	100
102613	✦	1.8432	18pF	$.59	$.55	$.49
102621	✦	2.0	Series	.59	.55	.49
324283	JVP	2.0	Series	.29	.26	.23
101274	✦	2.4576	32pF	.59	.55	.49
14533	✦	3.579545	18pF	.59	.55	.49
324364	JVP	4.0R	Series	.59	.55	.49
14592	✦	4.0	20pF	.59	.55	.49
324371	JVP	4.194	12pF	.29	.26	.23
324419	JVP	5.0	20pF	.29	.26	.23
324451	JVP	6.0	32pF	.29	.26	.23
324460	JVP	6.0	Series	.29	.26	.23
14710	✦	7.3728	30pF	.29	.26	.23
14728	✦	8.0	Series	.59	.55	.49
14381	✦	10.0	Series	.59	.55	.49
120061	✦	11.0592	Series	.59	.55	.49
324128	JVP	11.0592	Series	.29	.26	.23
324110	JVP	11.0592	32pF	.59	.55	.49
14402	✦	12.0	Series	.59	.55	.49
537799	✦	14.31818	Series	.29	.26	.23
14453	JVP	16.0	Series	.59	.55	.49
324216	JVP	18.0	20pF	.29	.26	.23
324233	JVP	18.432R	20pF	.59	.55	.49
324241	JVP	19.6608	20pF	.29	.26	.23
324268	JVP	20.0R	20pF	.59	.55	.49
14517	✦	20.0	Series	.59	.55	.49
324398	JVP	49.86	20pF	.29	.26	.23

JAMECO ValuePro HC49/US Low Profile Case

Part No.	*Mfr.	Frequency (MHz)	Impedance	Pricing 1	10	100
324988	JVP	3.6864	18pF	$.59	$.55	$.49
324962	JVP	4.0R	20pF	.59	.55	.49
324929	JVP	5.0	20pF	.59	.55	.49
324902	JVP	5.0688	20pF	.59	.55	.49
324865	JVP	6.000	Series	.59	.55	.49
324857	JVP	6.144	32pF	.59	.55	.49
324849	JVP	6.500	20pF	.59	.55	.49
324822	JVP	7.3728 †	20pF	.59	.55	.49
324831	JVP	7.3728	20pF	.59	.55	.49
324814	JVP	7.68	20pF	.59	.55	.49
324786	JVP	8.0R	20pF	.59	.55	.49
324769	JVP	9.000	Series	.59	.55	.49
324742	JVP	9.216	Series	.59	.55	.49
325227	JVP	11.0592	20pF	.59	.55	.49
325198	JVP	12.0 †	20pF	.59	.55	.49
325104	JVP	18.432	20pF	.59	.55	.49
325113	JVP	18.432R	20pF	.59	.55	.49
325075	JVP	19.6608	7pF	.59	.55	.49
325964	JVP	19.6608	20pF	.59	.55	.49
325068	JVP	20.00R	20pF	.59	.55	.49
325041	JVP	20.48	20pF	.59	.55	.49
325024	JVP	24.0	20pF	.59	.55	.49

† Industrial temperature range is -40°C to 85°C

HC49/S Low Profile Case

- Operating temp.: -10° to +60°C • ±5ppm/year max.
- Drive level: 0.5mW (fundamental frequency)
- Frequency stability tolerance: ±50ppm

Part No.	Comparable:	Freq. (MHz)	Imped.	Pricing 1	10	100
137816	CY3.5795	3.5759	17pF	$.49	$.35	$.29
137832	CY4LP	4.000	17pF	.49	.35	.29
137859	CY8LP	8.000	Series	.49	.35	.29
137875	CY11.05LP	11.0592	Series	.49	.35	.29
137891	CY16LP	16.000	Series	.49	.35	.29

Fuse Holders & Clips

JAMECO ValuePro

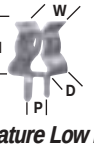
★Web Code: EEE

Low Profile Fuse Clips

†1. For GMA/GMD fuses 2. For 3AGC/MDL/AG fuses

- Low contact resistance • Withstands shock/vibration • Order in multiples of 10

102860



102842

18703

102832

Part No.	Description	For Use With†	Size (H" x W" x D" x P")	10	100	500
119280	5mm, side leads	1	.33 x .25 x .20 x .21	$.15	$.13	$.09
102860	5mm, front leads R	1	.37 x .25 x .21 x .19	.15	.13	.09
2099438	1/4", side leads R	2	.42 x .25 x .20 x .21	.15	.13	.09
102842	1/4", front leads (10A) R	2	.32 x .27 x .25 x .23	.15	.13	.09

5mm x 20mm Miniature Thumbscrew Cap Holders

- Straight solder terminal • Size: 1.5"L x 0.6"Dia.

Part No.	Approvals	Current	Mounting Hole	1	10	100	500
150464	CER	6A @ 250VAC	.50"Dia. x .43"Flat	$1.09	$.99	$.89	$.79
102825	UL/CSAR	10A @ 250VAC	.50"Dia.	1.25	1.09	.95	.89

1¼" x ¼" Standard Thumbscrew Cap Holders

- Straight solder terminal • Current: 10A @ 250VAC

Part No.	Approvals	Size (L" x Dia.")	Mounting Hole	1	10	100	500
120994	CER	1.95" x .71"	.58"Dia. (Double D-style)	$.95	$.85	$.69	$.65
18703	UL/CSAR	2.05" x .71"	.58"Dia. x .52"Flat (D-style)	1.59	1.35	1.19	.95

1¼" x ¼" PCB Fuse Holder

- 16A @ 250V • Bussman

Part No.	*Mfr.	Approvals	Size (L" x Dia.")	Mounting Hole	1	10	100
1769743	BSM	UL/CSA/VDE	1.855 x .51	.4 x .4 grid	$6.49	$5.95	$5.49

5mm x 20mm Miniature Low Profile Fuse Holder

- Current: 10A @ 250VAC • D-style

Part No.	Approvals	Size (L" x Dia.")	Mounting Hole	1	10	100
102832	UL/CSA	1.4 x 0.6	.5"Dia. x .46"flat	$2.49	$2.19	$1.99

5mm x 20mm Miniature In-Line Fuse Holder

Part No.	AWG	Wire Color	Body Size	1	10	100
109330	20	Red	1.8"L	$.69	$.65	$.59

1¼" x ¼" Standard In-Line Fuse Holders

102868

- Built-in spring ensures good fuse connection
- Vinyl covered wire with stranded copper center

Part No.	AWG	Wire Lengths	Body Length	Body Color/Wire Color	1	10	100
109322	22R	3.5/3"	2.4"	Black/Red	$.79	$.75	$.69
102868	20R	3/3"	2.2"	White/Red	.89	.79	.69
151918	18R	6/6"	2.4"	White/Red	1.19	1.09	.95
108784	16R	21/26"	2.2"	Black/Orange	1.79	1.55	1.29
108792	14R	19/25"	2.5"	Black/Red	2.49	2.25	1.95

*BSM = Bussman | JVP = Jameco ValuePro | ✦ Manufacturer Varies

★For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above