

DIODE SERIES

■電子同調用可変容量ダイオード Variable capacitance diodes for electronic tuning

Application		Package code	Type No.	Ratings		Characteristics				Status
				Vr (V)	C (pF)	n	Cvr/Cvr	rs (Ω) max		
BS/CS Tuner	Tuning	MPAK	HVM11	35	C ₁ = 3.6 - 5.6, C ₃₀ = 0.5 - 0.9	4.0 min	1/30	1.5	△☆	
			HVM15	35	C ₁ = 3.6 - 5.6, C ₃₀ = 0.5 - 0.9	4.0 min	1/30	1.5	△☆	
		URP	HVU12	35	C ₁ = 3.6 - 5.6, C ₃₀ = 0.45 - 0.85	4.0 min	1/30	1.5	○☆	
			HVU314	32	C ₁ = 4.4 - 6.4, C ₂₅ = 0.47 - 0.77	7.2 min	1/25	1.05	○☆	
			HVU316	30	C ₁ = 5.16 - 7.22, C ₂₅ = 0.48 - 0.76	9.0 min	1/25	1.2	○☆	
	UFP	HVC317B	30	C ₁ = 9.00 - 11.50, C ₂₅ = 0.60 - 0.80	13.0min	1/25	1.6	○☆		
VCO	URP	HVU356	15	C ₂ = 27.7 - 31.8, C ₃ = 21.6 - 25.6, C ₄ = 17.1 - 21.2	1.45 min	2/4	0.60	○☆		
TV Tuner	UHF Tuning	URP	HVU202A	34	C ₂ = 14.11 - 16.47, C ₂₅ = 2.06 - 2.35	6.2 min	2/25	0.57	○☆	
		UFP	HVC202A	34	C ₂ = 14.11 - 16.47, C ₂₅ = 2.06 - 2.35	6.2 min	2/25	0.57	○☆	
	VHF Tuning	URP	HVU200A	32	C ₂ = 27.7 - 31.8, C ₂₅ = 2.67 - 3.03	10.0 min	2/25	0.7	○☆	
			HVU300A	32	C ₂ = 39.5 - 47.4, C ₂₅ = 2.6 - 3.03	14.5 min	2/25	1.10	○☆	
			HVU306A	32	C ₂ = 29.3 - 34.2, C ₂₅ = 2.57 - 2.92	11.0 min	2/25	0.75	○☆	
			HVU307	32	C ₂ = 32.2 - 37.5, C ₂₅ = 2.57 - 3.0	12.0 min	2/25	0.85	○☆	
			HVU315	30	C ₂ = 27.6 - 32.1, C ₂₅ = 2.67 - 3.02	10.3 min	2/25	0.70	○☆	
		HVU363A	32	C ₁ = 34.65 - 42.35, C ₂₈ = 2.361 - 2.754	13.5 min	1/28	0.75	○☆		
		UFP	HVC200A	32	C ₂ = 27.7 - 31.8, C ₂₅ = 2.67 - 3.03	10.0 min	2/25	0.7	○☆	
			HVC300A	32	C ₂ = 39.5 - 47.4, C ₂₅ = 2.6 - 3.03	14.5 min	2/25	1.10	○☆	
			HVC306A	32	C ₂ = 29.3 - 34.2, C ₂₅ = 2.57 - 2.92	11.0 min	2/25	0.75	○☆	
			HVC363A	32	C ₁ = 34.65 - 42.35, C ₂₈ = 2.361 - 2.754	13.5 min	1/28	0.75	○☆	
	MPAK		HVM306	30	C ₂ = 29.4 - 34.3, C ₂₅ = 2.67 - 3.02	10.0 min	2/25	0.75	○☆	
	AFC	LLD	HVK89	32	C ₂ = 10.5 - 16.0, C ₁₀ = 3.3 - 5.7	2.5 - 3.4	2/10	1.3	○☆	
			URP	HVU89	32	C ₂ = 10.5 - 16.0, C ₁₀ = 3.3 - 5.7	2.5 - 3.4	2/10	1.2	○☆
		UFP	HVU308A	35	C ₂ = 13.7 - 15.9, C ₂₀ = 1.65 - 2.06	7.12 min	2/20	0.95	○☆	
			HVC308A	35	C ₂ = 13.7 - 15.9, C ₂₀ = 1.65 - 2.06	7.12 min	2/20	0.95	○☆	
			MPAK	HVM17	15	C ₁ = 50 - 85, C ₃ = 16.1 - 27.3, C _{4,5} = 5.23 - 8.84	5.6 min	1/4.5	—	○☆
	VCO	URP	HVU17	15	C ₁ = 50 - 85, C ₃ = 16.1 - 27.3, C _{4,5} = 5.23 - 8.84	5.6 min	1/4.5	—	○☆	
			HVU350	15	C ₁ = 15 - 17.5, C ₄ = 5.3 - 6.3	2.8 min	1/4	0.5	○☆	
HVU350B			15	C ₁ = 15.5 - 17.0, C ₄ = 5.0 - 5.6	2.8 min	1/4	0.5	○☆		
HVU351			10	C ₂ = 14.0 - 16.0, C ₁₀ = 5.0 - 6.5	2.0 min	2/10	0.35	○☆		
HVU355			15	C ₁ = 6.4 - 7.4, C ₄ = 2.75 - 3.25	2.0 min	1/4	0.6	○☆		
HVU355B			15	C ₁ = 6.4 - 7.2, C ₄ = 2.55 - 2.95	2.2 min	1/4	0.6	○☆		
HVU357			10	C ₁ = 19.5 - 23.5, C ₂ = 14.3 - 17.6	1.3 min	1/2	0.35	○☆		
HVU358			15	C ₁ = 19.0 - 21.0, C ₄ = 8.5 - 10.0	2.0 min	1/4	0.4	○☆		
HVU359			15	C ₁ = 24.8 - 29.8, C ₄ = 6.0 - 8.3	3.0 min	1/4	1.5	○☆		
HVU362			15	C ₁ = 41.6 - 49.9, C ₄ = 10.1 - 14.8	3.0 min	1/4	2.0	○☆		
HVU365		15	C ₁ = 27.05 - 28.55, C ₄ = 6.05 - 7.55	3.0 min	1/4	1.5	○☆			
UFP		HVC350B	15	C ₁ = 15.5 - 17.0, C ₄ = 5.0 - 6.0	2.8 min	1/4	0.5	○☆		
		HVC351	10	C ₂ = 14.0 - 16.0, C ₁₀ = 5.0 - 6.5	2.0 min	2/10	0.35	○☆		
		HVC355B	15	C ₁ = 6.4 - 7.2, C ₄ = 2.55 - 2.95	2.2 min	1/4	0.6	○☆		
		HVC357	10	C ₁ = 19.5 - 23.5, C ₂ = 14.3 - 17.6	1.3 min	1/2	0.35	○☆		
		HVC358B	15	C ₁ = 19.5 - 21.0, C ₄ = 8.00 - 9.30	2.2min	1/4	0.4	○☆		
		HVC359	15	C ₁ = 24.8 - 29.8, C ₄ = 6.0 - 8.3	3.0 min	1/4	1.5	○☆		
		HVC362	15	C ₁ = 41.6 - 49.9, C ₄ = 10.1 - 14.8	3.0 min	1/4	2.0	○☆		
		HVC365	15	C ₁ = 27.05 - 28.55, C ₄ = 6.05 - 7.55	3.0 min	1/4	1.5	○☆		
		HVC369B	15	C ₁ = 4.65 - 5.15, C ₄ = 1.85 - 2.15	2.3min	1/4	0.5	○☆		
	HVC372B	15	C ₁ = 15 - 17, C ₄ = 7.0 - 8.5	2.0min	1/4	0.4	○☆			
MPAK	HVM17	15	C ₁ = 50 - 85, C ₃ = 16.1 - 27.3, C _{4,5} = 5.23 - 8.84	5.6 min	1/4.5	—	○☆			
	HVM17WA	15	C ₁ = 50 - 85, C ₃ = 16.1 - 27.3, C _{4,5} = 5.23 - 8.84	5.6 min	1/4.5	—	△☆			
FM Tuner	Tuning	MPAK	HVM16	14	C ₂ = 43.0 - 48.1	1.23 - 1.33	2/4	—	○☆	
			HVM25	16	C ₃ = 36 - 45, C ₈ = 12 - 17	1.65 - 1.75	2/8	—	○☆	
		MPAK	HVM27WK	20	C ₁ = 52.0 - 62.0, C ₂ = 43.0 - 48.1, C ₈ = 24.0 - 28.0	1.8 min	1/8	0.4	○☆	
			HVM100	15	C ₁ = 421.5 - 524.6, C ₈ = 20.4 - 28.2	1.7 min	2/8	—	○☆	
AM Tuner	Tuning	SRP	HVR100	15	C ₁ = 421.5 - 524.6, C ₈ = 20.4 - 28.2	16 min	1/8	—	○☆	
		MPAK	HVM100	15	C ₁ = 421.5 - 524.6, C ₅ = 73.2 - 121.4, C ₈ = 20.4 - 28.2	16 min	1/8	—	○☆	

注)
 ○: 量産中 (納期につきましては担当させていただきます) 営業へ御確認をお願いします。
 SPL: サンプル出荷中
 △: 量産可能 (納期につきましては担当させていただきます) 営業へ御確認をお願いします。
 ※: 限定品種
 ★: まとめ発注対象品種 (発注単位「500個の整数倍」)
 ☆: テーピング納入品種 (発注単位はP.13掲載個数の整数倍)
 MPAKの内部接続についてはP.15を御参照下さい。

Notes)
 ○: Mass Production
 SPL: Samples available
 △: Can be mass produced
 ※: Provided to the limited customers
 ★: Large order device (Unit: 500 x N)
 ☆: Taping only (Order unit, see P.13)