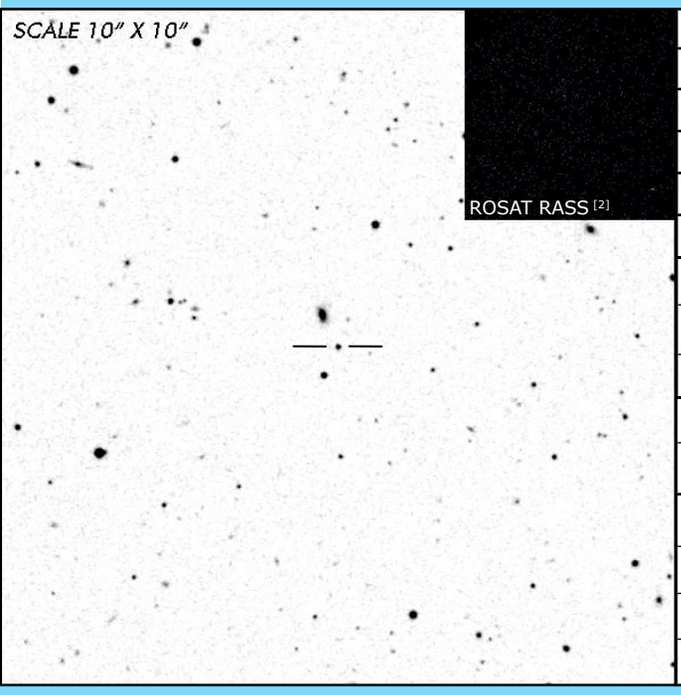
J0227+1306

Long Period Eclipsing Polar

OBSERVATION DATA



OTHER NAME(S): 2MASS J02273286+1306172; CRTS MLS110213 J022733+130617			
FOUND: CRTS 2015			
RIGHT ASCENSION [1]	$02^h\ 27^m\ 32.866^s$	**DECLINATION** [1]	+13° 06′ 17.082″
PARALLAXES (*mas*) [1]	2.052 ± 0.087	**DISTANCE (*pc*)** [3]	486.274
DISTANCE BOUNDARIES (pc) [3]		Lower = 464.561	Upper = 505.024
MAGNETIC FIELD (*MG*)	$B_{(1)}$=18	$B_{(2)}$=38	**WD_{MASS} (M_Θ)** 0.67

ORBITAL PERIOD & SPIN PERIOD

DAYS	HOURS	MINUTES
0.15780	3.7872	227.231

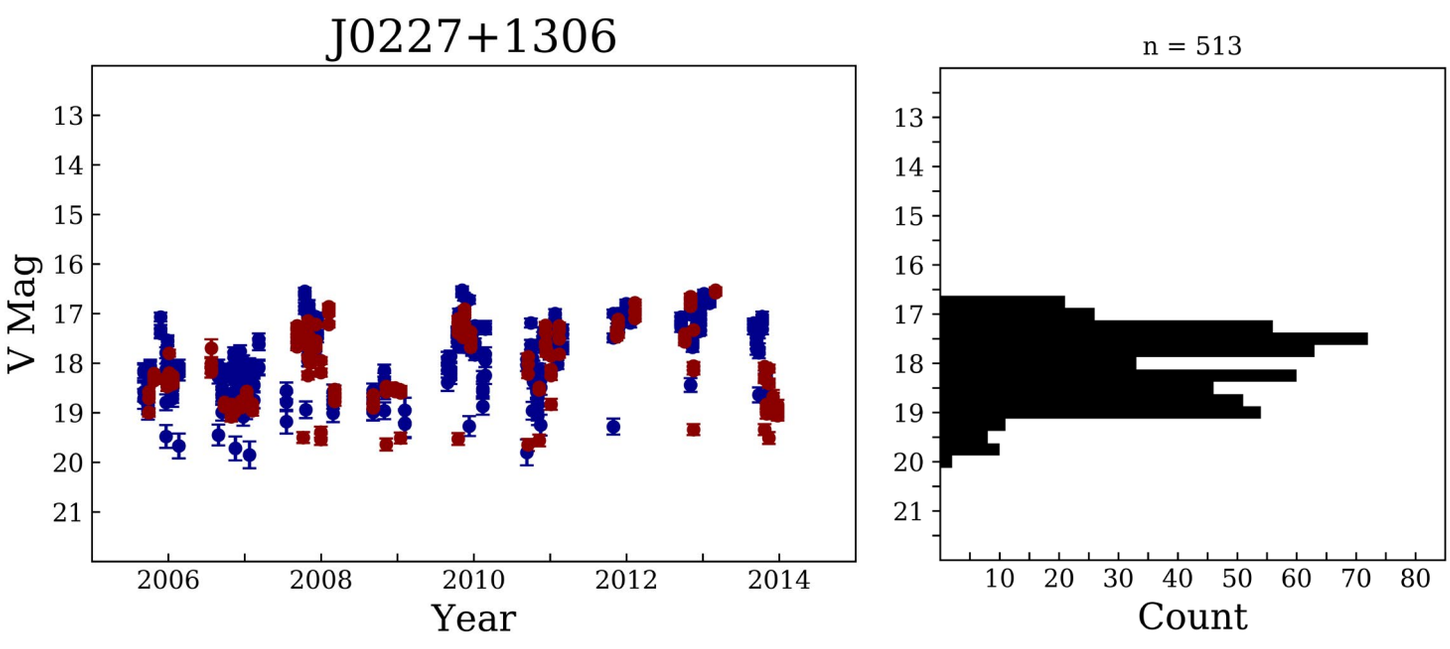
OPTICAL (CRTS MAGNITUDE)

V_{HIGH} = 16.75	V_{LOW} = 20	$V_{(MODE\ 1)}$ = 17.5	...

OTHER INFORMATION

SUMMARY

CRTS PHOTOMETRY



EXTERNAL LINKS

STScI Sky Survey

SIMBAD

REFERENCES

[1] Gaia Collaboration et al. (2018b): Summary of the contents and survey properties
[2] HEASARC Skyview: ROSAT All-Sky
[3] Bailer-Jones et al. 2018, "Estimating Distance from Parallexes, IV. Distances to 1.33 Billion Stars in Gaia Data Release 2", ApJ, Vol. 156, 58
[4] Silva, K. M. G. et al. 2015, "MLS110213:022733+130617: A New Eclipsing Polar Above the Period Gap", MNRAS, Vol. 451, Iss. 4, p. 4183-4192
[5] Oliveira, A. S. et al. 2017, "Exploratory Spectroscopy of Magnetic Cataclysmic Variables Candidates and Other Variable Objects," AJ, Vol. 153, Iss. 4, pp. 18
[6]