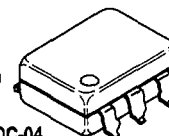


6 Leaded Devices

Maximum die size 60 mil x 60 mil



"S" option = CASE 730C-04
"F" option = CASE 730F-04

Optoisolators

Transistor Output

Pinout: 1-Anode, 2-Cathode, 3-N.C., 4-Emitter, 5-Collector, 6-Base (Style 1)

Device	Current Transfer Ratio (CTR)			$V_{CE(sat)}$			t_r/t_f or t_{on^*}/t_{off^*} Typ					$V_{(BR)CEO}$ Volts Min	V_F			
	%	@	I_F	Volts	@	I_C	μs	@	I_C	V_{CC}	R_L		I_F	Volts	@	I_F
	Min		mA	Max	mA	mA										
T L112S,F	2	10	5	0.5	50	2	2/2	2	10	100		20	1.5	10		
T L111S,F	8	16	0.4	0.4	16	2	5/5	2	10	100		30	1.4	16		
4N27S,F	10	10	10	0.5	50	2	1.2/1.3	10	10	100		30	1.5	10		
4N28S,F	10	10	10	0.5	50	2	1.2/1.3	10	10	100		30	1.5	10		
4N38S,F	10	10	10	1	20	4	1.6/2.2	10	10	100		80	1.5	10		
H11A4S,F	10	10	10	0.4	10	0.5	1.2/1.3	2	10	100		30	1.5	10		
4N25S,F	20	10	10	0.5	50	2	1.2/1.3	10	10	100		30	1.5	10		
4N25AS,F	20	10	10	0.5	50	2	1.2/1.3	10	10	100		30	1.5	10		
4N26S,F	20	10	10	0.5	50	2	1.2/1.3	10	10	100		30	1.5	10		
H11A2S,F	20	10	10	0.4	10	0.5	1.2/1.3	2	10	100		30	1.5	10		
H11A3S,F	20	10	10	0.4	10	0.5	1.2/1.3	2	10	100		30	1.5	10		
H11A520S,F	20	10	10	0.4	20	2	5*/5*	2	10	100		30	1.5	10		
H11AV3S,F	20	10	10	0.4	20	2	5*/4*	2	10	100		70	1.5	10		
MCT2S,F	20	10	10	0.4	16	2	1.2/1.3		5	2k	15	30	1.5	20		
MCT2ES,F	20	10	10	0.4	16	2	1.2/1.3	2	10	100		30	1.5	20		
TIL116S,F	20	10	10	0.4	15	2.2	5/5	2	10	100		30	1.5	60		
H11A5S,F	30	10	10	0.4	10	0.5	1.2/1.3	2	10	100		30	1.7	10		
CNX35S,F	40-160	10	0.4	0.4	10	2	3/3*	2	5	100		30	1.5	10		
CNX36S,F	80-200	10	0.4	0.4	10	4	8/6*	2	5	100		30	1.5	10		
CNX83S,F	40	10	0.4	0.4	10	4	3/3*	2	5	100		50	1.5	10		
CNY17-1S,F	40-80	10	5	0.4	10	2.5	1.6/2.3		5	75	10	70	1.65	60		
MCT271S,F	45-90	10	10	0.4	16	2	4.9*/4.5*	2	5	100		30	1.5	20		
MOC8100S,F	50	1	5	0.5	1	0.1	3.8/5.6	2	10	100		30	1.4	1		
H11A1S,F	50	10	10	0.4	10	0.5	1.2/1.3	2	10	100		30	1.5	10		
H11A550S,F	50	10	10	0.4	20	2	5*/5*	2	10	100		30	1.5	10		
H11AV2S,F	50	10	10	0.4	20	2	5*/4*	2	10	100		70	1.5	10		
TIL117S,F	50	10	10	0.4	10	0.5	5/5	2	10	100		30	1.4	16		
TIL126S,F	50	10	10	0.4	10	1	2/2	2	10	100		30	1.4	10		
SL5501S,F	45-250	10	0.4	0.4	20	2	20*/50*		5	1k	16	30	1.3	20		
CNY17-2S,F	63-125	10	5	0.4	10	2.5	1.6/2.3		5	75	10	70	1.65	60		
MCT275S,F	70-210	10	10	0.4	16	2	4.5*/3.5*	2	5	100		80	1.5	20		
MCT272S,F	75-150	10	10	0.4	16	2	6*/5.5*	2	5	100		30	1.5	20		
4N35S,F	100	10	10	0.3	10	0.5	3.2/4.7	2	10	100		30	1.5	10		
4N36S,F	100	10	10	0.3	10	0.5	3.2/4.7	2	10	100		30	1.5	10		
4N37S,F	100	10	10	0.3	10	0.5	3.2/4.7	2	10	100		30	1.5	10		
H11A5100S,F	100	10	10	0.4	20	2	5*/5*	2	10	100		30	1.5	10		
CNY17-3S,F	100-200	10	5	0.4	10	2.5	1.6/2.3		5	75	10	70	1.65	60		
SL5500S,F	50-300	10	0.4	0.4	50	10	20*/50*		5	1k	16	30	1.3	20		
H11AV1S,F	100-300	10	10	0.4	20	2	5*/4*	2	10	100		70	1.5	10		
MCT273S,F	125-250	10	10	0.4	16	2	7.6*/6.6*	2	5	100		30	1.5	20		
MCT274S,F	225-400	10	10	0.4	16	2	9.1*/7.9*	2	5	100		30	1.5	20		

For Surface Mountable standard leadform, Order "S" suffix devices; e.g., MOC3043S.

For low profile Surface Mountable leadform, Order "F" suffix devices; e.g., MOC5007F.

For 24MM Tape and Reel, add R2 suffix to the 6-pin optoisolator part number; e.g., H11A1SR2.

See Packaging Information under Technical Data Section for reel size, quantity and ordering information.

Devices listed in bold, italic are Motorola preferred devices.