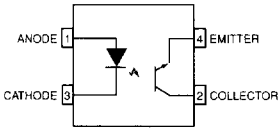
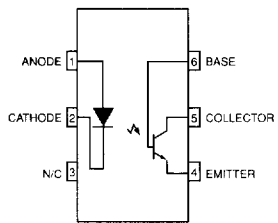


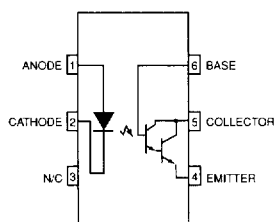
Hermetic Phototransistor Output; GaAs Input (TO-18 Package)												
Part Number	CTR @ 10mA I _F (%)		BV _{CEO} (V)	BV _{ECO} (V)	V _{CE(SAT)} (V)	V _{ISO} AC[RMS]	Pkg Outline		Agency Approvals			
	min	max	min	min	max		QT	MOT	Standard	QT	MOT	
MCT4	15	-	30	7	0.5	1kV	H	N/A	N/A	N/A	N/A	
MCT4R*	15	-	30	7	0.5	1kV	H	N/A	N/A	N/A	N/A	



High Voltage Phototransistor Output; GaAs Input												
Part Number	CTR @ 10mA I _F (%)		BV _{CEO} (V)	BV _{CBO} (V)	V _{CE(SAT)} (V)	V _{ISO} AC[RMS]	Pkg Outline		Agency Approvals			
	min	max	min	min	max		QT	MOT	Standard	QT	MOT	
4N38	20	-	80	80	1.0	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
H11D1	20	-	300	300	0.4	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
H11D2	20	-	300	300	0.4	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
H11D3	20	-	200	200	0.4	5.3kV	K	N/A	A,B,D,F,N,S,T,U	.300	N/A	
H11D4	10	-	200	200	0.4	5.3kV	K	N/A	A,B,D,F,N,S,T,U	.300	N/A	
MOC8204	20	-	400	400	0.4	5.3kV	N/A	J	A,D,F,N,S,T,U	N/A	V	



Photodarlington Output; GaAs Input												
Part Number	CTR @ 10mA I _F (%)		BV _{CEO} (V)	BV _{CBO} (V)	V _{CE(SAT)} (V)	V _{ISO} AC[RMS]	Pkg Outline		Agency Approvals			
	min	max	min	min	max		QT	MOT	Standard	QT	MOT	
4N29	100	-	30	30	1.0	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
4N30	100	-	30	30	1.0	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
4N31	50	-	30	30	1.2	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
4N32	500	-	30	30	1.0	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
4N33	500	-	30	30	1.0	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
CNX48U	600	-	30	30	1.0	5.3kV	K	N/A	A,B,D,F,N,S,T,U	.300	N/A	
H11B1	500**	-	25	30	1.0	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
H11B2	200**	-	25	30	1.0	5.3kV	K	N/A	A,B,D,F,N,S,T,U	.300	N/A	
H11B255	100	-	55	55	1.0	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
H11B3	100**	-	25	30	1.0	5.3kV	K	J	A,B,D,F,N,S,T,U	.300	V	
MOC8080	500	-	55	55	1.0	5.3kV	N/A	J	A,D,F,N,S,T,U	N/A	V	
TIL113	300	-	30	70	1.0	5.3kV	N/A	J	A,D,F,N,S,T,U	N/A	V	


Notes:

Optocoupler package drawings appear on pages 23, 24 and 25

* Screened to MIL-STD -883C Class B.

 ** CTR measured at I_F = 1mA.