

As per DIN EN/IEC 60747-5-5, this optocoupler is suitable for "safe electrical insulation" only within the safety limit data. Compliance with the safety ratings shall be ensured by means of protective circuits.

Installation Classifications per DIN VDE



($T_A = 25\text{ }^\circ\text{C}$ unless otherwise noted)

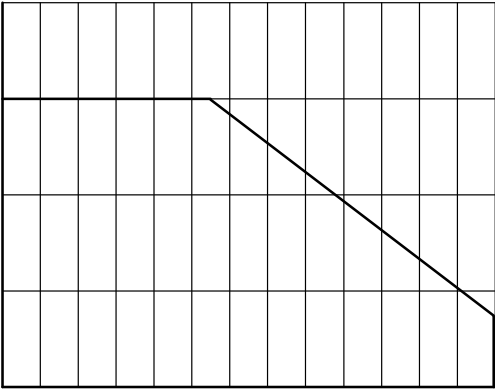
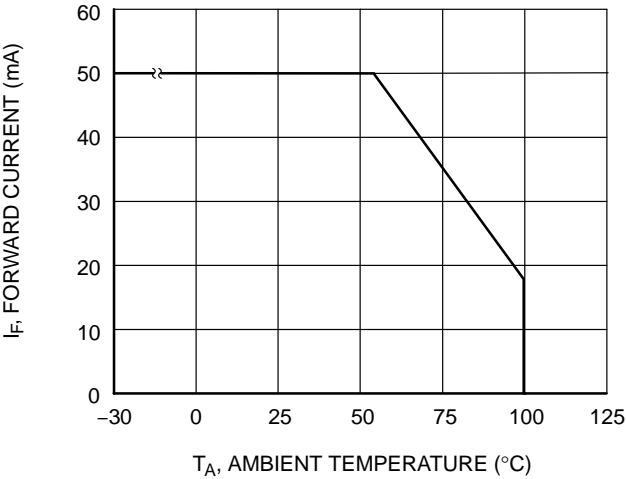
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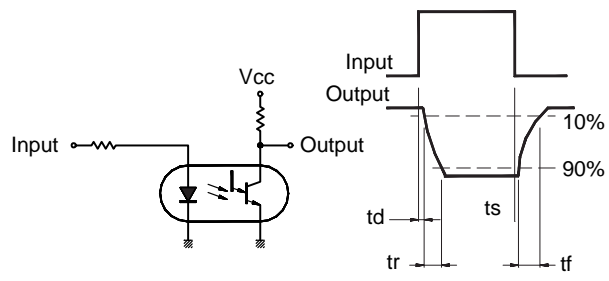
V_F	Forward Voltage	$I_F = 10\text{ mA}$	–	1.2	1.4	V
I_R	Reverse Current	$V_R = 4\text{ V}$	–	–	10	μA
C_t	Terminal Capacitance	$V = 0, f = 1\text{ kHz}$	–	30	250	pF

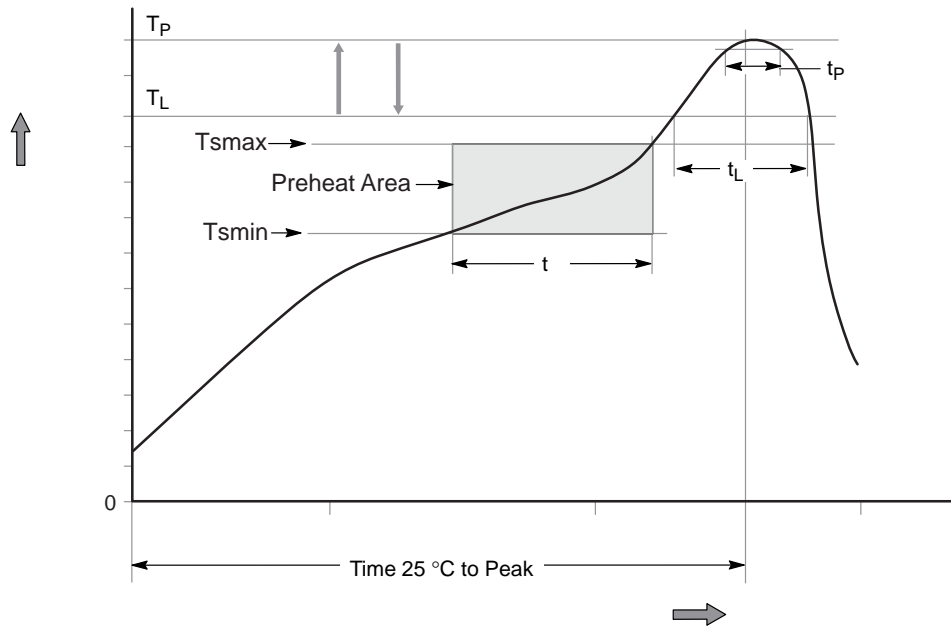
I_{CEO}	Collector Dark Current	$V_{CE} = 200, I_F = 0$	–	–	200	nA
BV_{CEO}	Collector-Emitter Breakdown Voltage	$I_C = 0.1\text{ mA}, I_F = 0$	300	–	–	V
BV_{ECO}	Emitter-Collector Breakdown Voltage	$I_E = 10\text{ }\mu\text{A}, I_F = 0$	0.1	–	–	V

I_C	Collector Current	$I_F = 1\text{ mA}, V_{CE} = 2\text{ V}$	10	40	150	mA
CTR	Current Transfer Ratio (Note 2)		1,000	4,000	15,000	%
$V_{CE(SAT)}$	Collector-Emitter Saturation Voltage	$I_F = 20\text{ mA}, I_C = 100\text{ mA}$	–	–	1.2	V
f_C	Cut-Off Frequency	$V_{CE} = 2\text{ V}, I_C = 20\text{ mA}, R_L = 100\text{ }\Omega, -3\text{ dB}$	1	7	–	kHz
t_R	Response Time (Rise)	$V_{CE} = 2\text{ V}, I_C = 20\text{ mA}, R_L = 100\text{ }\Omega$	–	100	300	μs
t_F	Response Time (Fall)		--			

($T_A = 25\text{ }^\circ\text{C}$ unless otherwise noted)

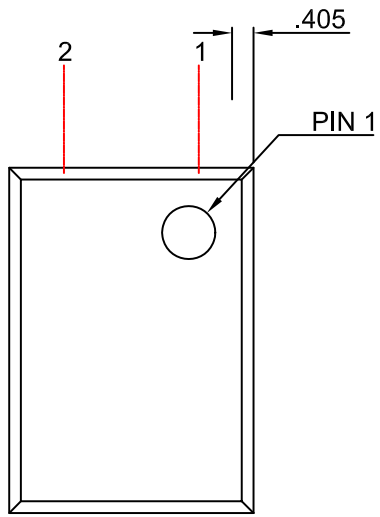




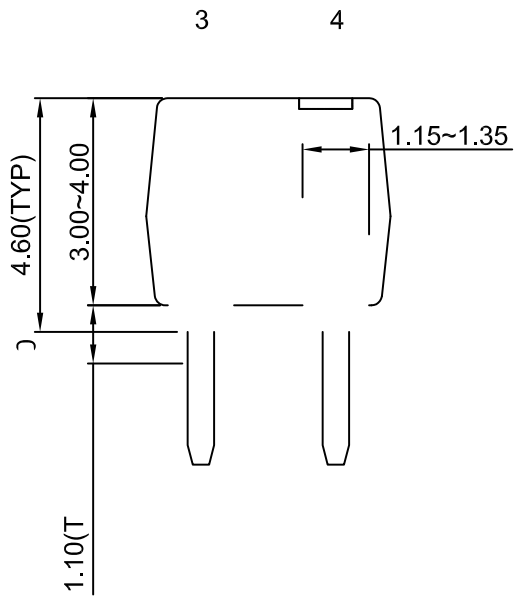


		†
FOD852	DIP 4-Pin (Case 646CD)	2000 / Unit Box
FOD852S	SMT 4-Pin (Lead Bend) (Case 709AH)	2000 / Unit Box
FOD852SD	SMT 4-Pin (Lead Bend) (Case 709AH)	1000 / Tape & Reel
FOD852300	DIP 4-Pin, DIN EN/IEC60747-5-5 option (Case 646CD)	2000 / Unit Box
FOD8523S	SMT 4-Pin (Lead Bend), DIN EN/IEC60747-	

PDIP4 4.6x6.5, 2.54P



NO



PDIP4 4.6x6.5, 2.54P
CASE 646CD
ISSUE O

DATE 31 JUL 2016

NOTES:



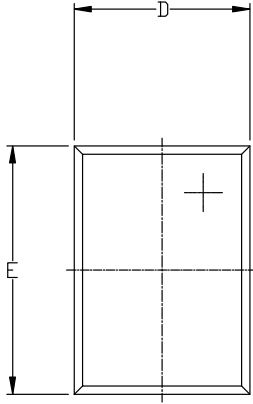


PDIP4 4.60x6.50x3.85, 2.54P
CASE 709AH
ISSUE B

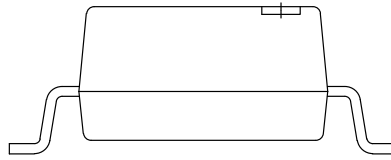
DATE 06 JUL 2023

NOTES:

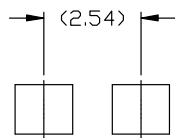
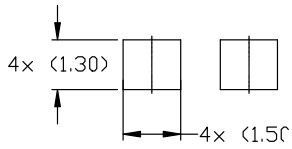
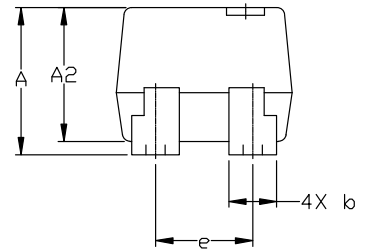
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS.
3. DIMENSIONS ARE EXCLUSIVE OF BURRS,



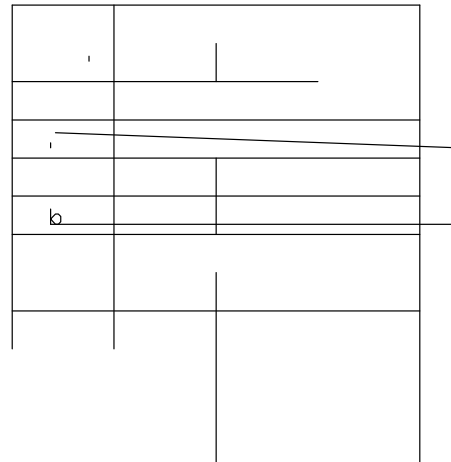
TOP VIEW



END VIEW



LAND PATTERN RECOMMENDATION



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