

## High Collector-Emitter Voltage

Part Number	Features	Current Transfer Ratio $I_F = 10\text{mA}$ $I_C = 1\text{mA}$ Min (%)	Isolation Test Voltage Peak (KV)	Continuous Forward Current Max (mA)	Forward Voltage $I_F = 10\text{mA}$ Max (V)	BV <sub>CEO</sub> $I_C = 1\text{mA}$ $I_F = 1\text{mA}$ Max (V)	I <sub>CEO</sub> (Dark) $I_F = 1\text{mA}$ Max (mA)	V <sub>CE(sat)</sub> $I_F = 10\text{mA}$ $I_C = 0.5\text{mA}$ Max(V)	Schematic Number / Package Number	Available Safety Approvals							
										U L	C S A	V D E	B S I	N E M K O	D E M K O	S E M K O	F I M K O
H11D1	Optically Coupled pair with Infrared Emitting Diode and Silicon High Voltage Transistor	20	7.5 (pk)	60	1.5	300	100 (V <sub>CE</sub> = 200V)	0.4	11/3	X	p	X					
H11D2										X	p	X					
H11D3						X	p			p							
H11D4						X	p			X							

## General Purpose 8 Pin SOIC Package

Part Number	Features	Current Transfer Ratio $I_F = 10 / 1\text{mA}$ Min (%) V <sub>CE</sub> = 5V	Isolation Test Voltage Peak (KV)	Continuous Forward Current Max (mA)	Forward Voltage $I_F = 10\text{mA}$ Max (V)	BV <sub>CEO</sub> $I_C = 0.1\text{mA}$ Min (V)	I <sub>CEO</sub> (Dark) V <sub>CE</sub> = 10V Max(mA)	V <sub>CE(sat)</sub> $I_F = 10\text{mA}$ $I_C = 2\text{mA}$ Max(V)	Schematic Number / Package Number
IL205A	Optically Coupled pair with Infrared Emitting Diode and Silicon High Voltage Transistor. Base Lead Connected	40-80 / 13	2.5 (rms)	60	1.5	70	50	0.4	See Below
IL206A		63-125 / 22							
IL207A		100-200 / 34							
IL208A		160-320 / 56							
IL211A		20 (I <sub>F</sub> = 10mA)							
IL212A		50 (I <sub>F</sub> = 10mA)							
IL213A		100(I <sub>F</sub> = 10mA)							
IL215A		20 (I <sub>F</sub> = 1mA)							
IL216A		50 (I <sub>F</sub> = 1mA)							
IL217A		100(I <sub>F</sub> = 1mA)							
MOC205		40-80 / 13							
MOC206		63-125 / 22							
MOC207		100-200 / 34							
MOC208		160-320 / 56							
MOC211		20 (I <sub>F</sub> = 10mA)							
MOC212		50 (I <sub>F</sub> = 10mA)							
MOC213		100(I <sub>F</sub> = 10mA)							
MOC215		20 (I <sub>F</sub> = 1mA)							
MOC216		50(I <sub>F</sub> = 1mA)							
MOC217		100(I <sub>F</sub> = 1mA)							

**Note 1:** X - Approved, p - Pending approval. For full ordering instructions, please see page 36

