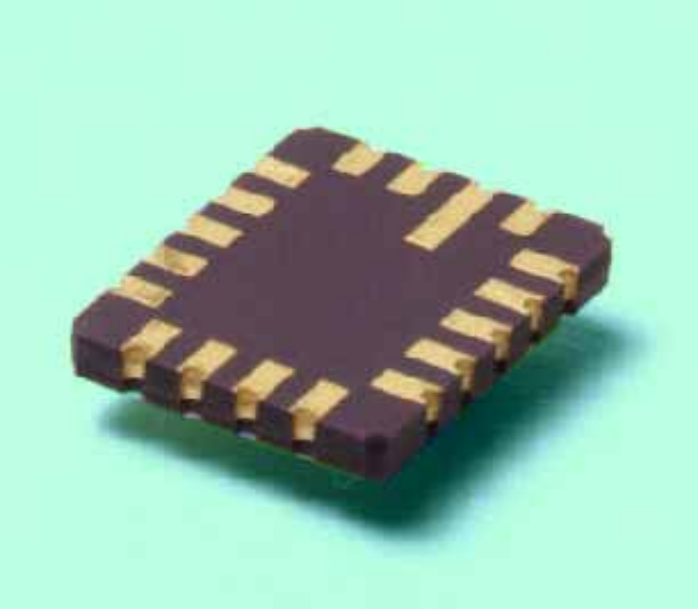
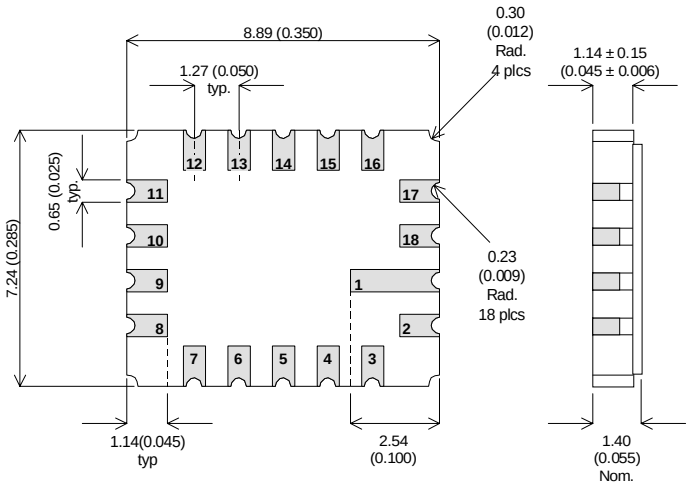
NEW PRODUCT RELEASE

SD5000-LCC6
N-CHANNEL LATERAL DMOS FET



- **N-CHANNEL LATERAL DMOS FET**
- **QUAD CONFIGURATION**
- **HIGH SPEED SWITCHING**
- **SMALL SIZE**
- **LOW WEIGHT**
- **FULL SCREENING OPTIONS**

MECHANICAL DATA
Dimensions in mm (inches)



Pinout;

1=D1	4=S2	13=D3	16=S4
2=G1	5=G2	14=G3	17=G4
3=S1	6=D2	15=S3	18=D4

7= Substrate 8,9,10,11,12 = no connection

The SD5000-LCC6 is a monolithic switch featuring four individual double diffused enhancement-mode MOSFET's built on a common substrate.

These Bi-directional devices provide low on-resistance and low interelectrode capacitances to minimize insertion loss and crosstalk and have inbuilt Zener input protection.

The device is manufactured using a lateral construction to achieves low capacitance and ultra-fast switching speeds.

Product summary: SD5000-LCC6

$V_{(BR)Ds}$min:	20V
$V_{GS(th)}$ max:	1.5V
$r_{DS(on)}$ max:	70Ω
C_{rss} max:	0.5pF
t_{ON} max:	2nS

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