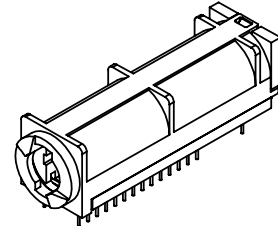


The KC16/64PCB Keyceptacle access device is a universal interface connector that supports Datakey Electronics' PK Series of parallel memory Keys for a direct PC board format. Designed for simple, reliable operation, the KC16/64PCB unit works with the same fluid motion as any household lock and key. It provides a protective housing for Key-to-host electrical contacts and is wear-rated for a minimum of 200,000 cycles (insertions/removals). The KC16/64PCB also contains a Last-On/First-Off (LOFO) switch that may be used to protect the host bus by ensuring that Keys have made secure contact with the Keyceptacle before any signals are transmitted.

Mechanical	
Operating Torque	85 m Nm (10 ounce-inch) maximum
Operating Life	200,000 insertion/removal cycles min.
Key Stop Sustaining Torque	1.7 Nm (15 pound-inch)
Electrical	
Contact Resistance	Beginning of Life: 100 mΩ
	End of Life: 500 mΩ
Environmental	
Storage Temperature	-40° C to + 105° C
Operating Temperature	-40° C to + 80° C
Relative Humidity	5% to 95% (non-condensing)
Mating Component(s)	
Keys	PK Series
Ordering Information <sup>1</sup>	
KC16/64PCB Keyceptacle	606-0037-005A
KC16/64 Rugged Keyceptacle <sup>2</sup>	606-0054-005A



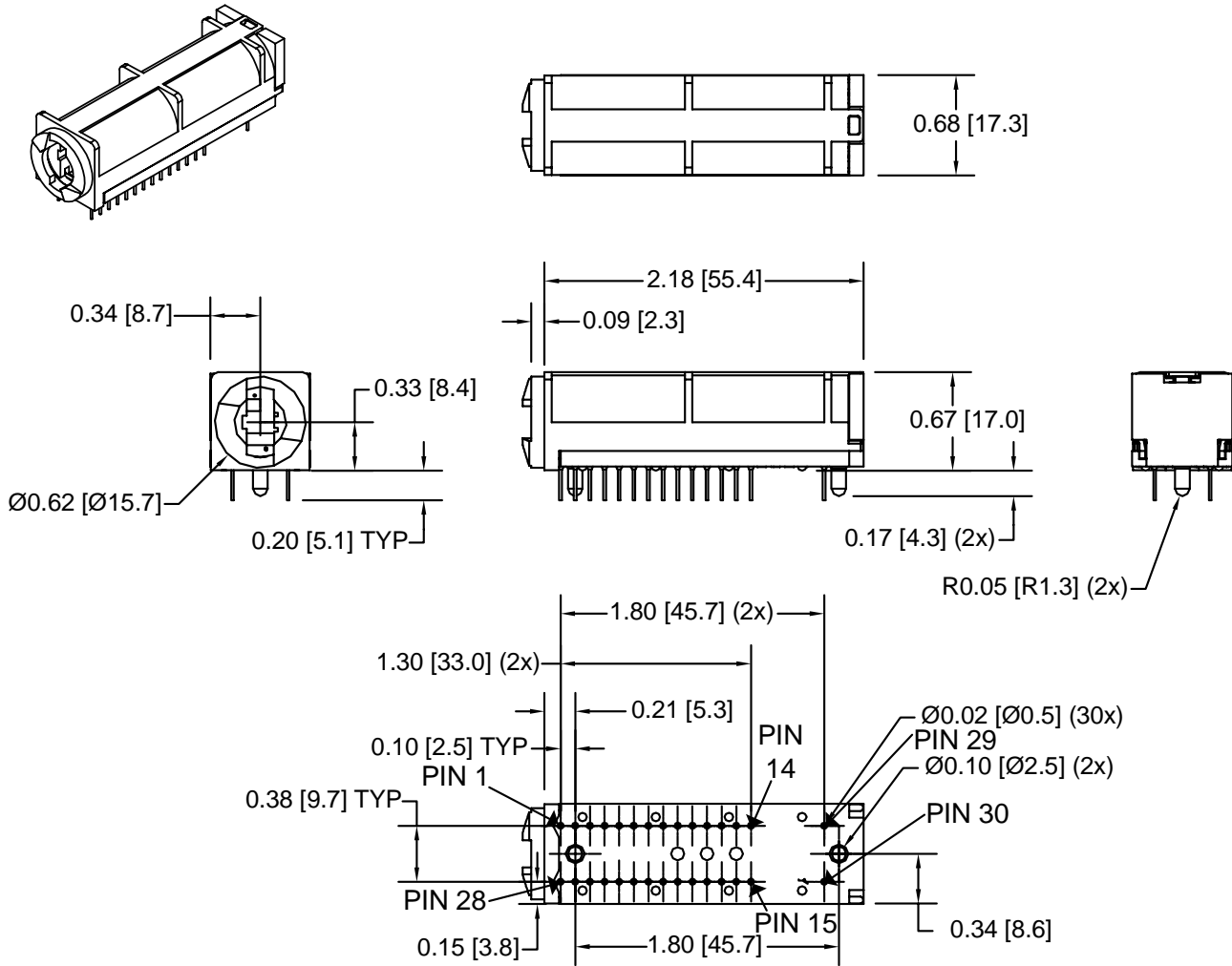
Pin-Out Chart	
Pin #	Signal
1	A12
2	A7
3	A6
4	A5
5	A4
6	A3
7	A2
8	A1
9	A0
10	I/O 0
11	I/O 1
12	I/O 2
13	VSS
14	A14
15	A13
16	I/O 3
17	I/O 4
18	I/O 5
19	I/O 6
20	I/O 7
21	/CE
22	A10
23	/OE
24	/WE
25	A9
26	A8
27	VCC
28	A11
29	LOFO
30	LOFO

See next page for mechanical drawings.

#### NOTES:

- 1: "A" suffix on part number indicates RoHS compliance.  
 2: Housing strengthened to accommodate users with a heavy ring of additional keys attached.





Drawing dimensions are in inches and millimeters [mm]. Dimensions are nominal and subject to manufacturer's tolerances.

