

ADF Series, Flush Actuator, THT

Features

- Extremely high contact pressure system allows aqueous or solvent cleaning without tape seal
- Gas tight contacts
- Auto insertable
- Shipped in the OFF position



Typical performance characteristics

Contact configuration	SPST
Contact rating, non-switching (max)	1 Amp @ 5 VDC
Contact rating, switching (max)	100 mA @ 24 VDC
Contact rating, switching (min)	0.1 μ A @ 1 mV
Electrical life	1,000 cycles
Mechanical life	1,000 cycles
Contact resistance	max 50 mOhm
Insulation resistance	min 1000 MOhm
Dielectric strength	500 VAC for 1 min
Actuation force	8.0 N (800 gf) max
Actuator travel	1.30 mm (.051)

Environmental specification

Operating temperature	-30 to +85°C
Storage temperature	-45 to +100°C
Solder heat resistance	265°C/10s wave

Material specifications

Contacts	copper alloy gold finish
Actuator	nylon PA6T
Terminals	copper alloy gold finish
Base	pps
Cover	pps
RoHS Directive 2002/95/EC	compliant

Product key	Typical product key		ADF	08	04
Type	ADF Flush actuator, auto insertable through hole DIP switch				
Positions	02 2 positions	07 7 positions			
	03 3 positions	08 8 positions			
	04 4 positions	09 9 positions			
	05 5 positions	10 10 positions			
	06 6 positions	12 12 positions			
Terminal	blank through hole - THT				
Sealing	blank No tape				
	T tape seal				
Packaging	blank tube				
Material	04 RoHS compliant				

ADF Series, Flush Actuator, THT (Continued)

DIP Switches

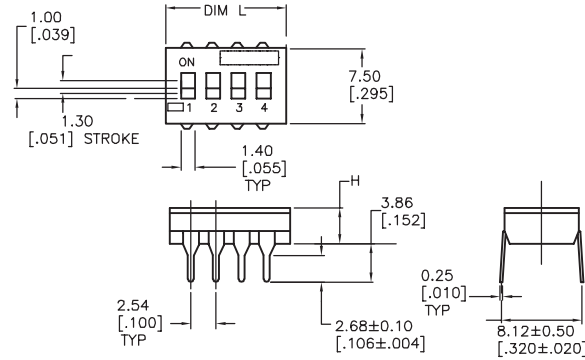
Positions



Codes 02 to 12 2 to 12 positions



ADF08

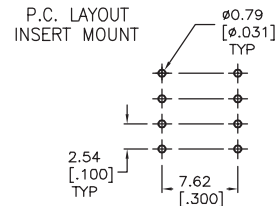
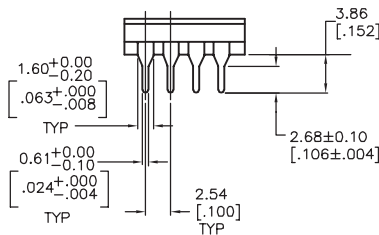


CodePos	Dim L	Dim H
02	2	7.06 (.278)
03	3	9.60 (.378)
04	4	12.14 (.478)
05	5	14.68 (.578)
06	6	17.22 (.678)
07	7	19.76 (.778)
08	8	22.30 (.878)
09	9	24.84 (.978)
10	10	27.38 (1.078)
12	12	32.51 (1.278)

Terminals



blank through hole - THT



Product key	Positions	Terminal	Sealing	Packaging	Material	Part Number
ADF0204	2 positions	THT	no tape	tube	RoHS compliant	1825002-1
ADF02T04		through hole	tape seal			1825002-2
ADF0304	3 positions		no tape			1825002-3
ADF03T04			tape seal			1825002-4
ADF0404	4 positions		no tape			1825002-5
ADF04T04			tape seal			1825002-6
ADF0504	5 positions		no tape			1825002-7
ADF05T04			tape seal			1825002-8
ADF0604	6 positions		no tape			1825002-9
ADF06T04			tape seal			1-1825002-0
ADF0704	7 positions		no tape			1-1825002-1
ADF07T04			tape seal			1-1825002-2
ADF0804	8 positions		no tape			1-1825002-3
ADF08T04			tape seal			1-1825002-4
ADF0904	9 positions		no tape			1-1825002-5
ADF09T04			tape seal			1-1825002-6
ADF1004	10 positions		no tape			1-1825002-7
ADF10T04			tape seal			1-1825002-8
ADF1204	12 positions		no tape			1-1825002-9
ADF12T04			tape seal			2-1825002-0

Preferred parts in bold print