

Switch Sheet

SBH Series

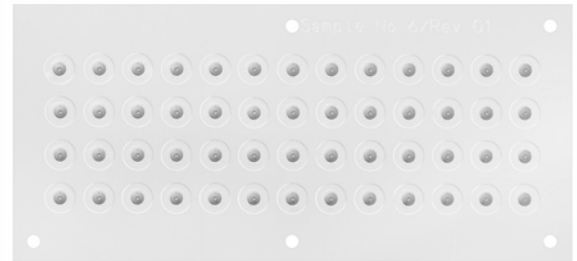
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Features

Nice feeling and stable electrical specification
Achieve low profile equipment design with SBH
Product lineup variety helps make the set thinner
Metal dome mounted on cover tape

Applications

Smartphones
Small, portable AV equipment
Wearables
Other electronic devices - consumer, medical, commercial



Part Number Code

Series	Number of Contacts	Actuator Type	Custom Code	Dome Type
SBH	01	A	* *	_ (single metal dome) D (double metal dome) N (with NUB/single metal dome) M (with NUB/double metal dome)

Specifications

Electrical Characteristics	Rating (Resistive Load)	DC12V, 0.1A
	Contact Resistance	1Ω or less
	Insulation Resistance	10MΩ or more
	Withstand Voltage	1 minute at AC 100V
Mechanical Characteristics	Operating Force	100 to 380 gf (φ2.4, φ3.0, φ3.0×2, φ4.0, φ4.0×2.8, φ5.0, φ6.0)
Life		100,000 to 1,000,000 times

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Type

Model Name	Height	Operating Force	Travel	Click Ratio	Operating Life
SBH-01AMT13N	0.43mm	160 gf	0.12mm	55%	100,000
SBH-01AMT14N	0.43mm	190 gf	0.12mm	45%	100,000
SBH-01AMT15M	0.49mm	310 gf	0.14mm	55%	100,000
SBH-01AMT16M	0.49mm	380 gf	0.14mm	45%	100,000
SBH-01AMT17N	0.45mm	120 gf	0.12mm	55%	500,000
SBH-01AMT18N	0.47mm	160 gf	0.14mm	55%	500,000
SBH-01AMT19N	0.47mm	180 gf	0.14mm	55%	500,000
SBH-01AMT20M	0.52mm	230 gf	0.16mm	55%	500,000
SBH-01AMT21M	0.54mm	310 gf	0.18mm	55%	500,000
SBH-01AMT22M	0.54mm	370 gf	0.18mm	55%	500,000
SBH-01AMT23N	0.47mm	120 gf	0.14mm	55%	500,000
SBH-01AMT24N	0.51mm	160 gf	0.18mm	55%	500,000
SBH-01AMT25M	0.53mm	220 gf	0.16mm	55%	500,000
SBH-01AMT26M	0.57mm	320 gf	0.20mm	55%	500,000
SBH-01AMT27	0.25mm	110 gf	0.16mm	50%	1,000,000
SBH-01AMT28N	0.50mm	130 gf	0.16mm	50%	1,000,000
SBH-01AMT29	0.28mm	165 gf	0.17mm	55%	1,000,000
SBH-01AMT30N	0.55mm	180 gf	0.17mm	55%	1,000,000
SBH-01AMT31	0.28mm	200 gf	0.17mm	55%	1,000,000
SBH-01AMT32	0.52mm	220 gf	0.17mm	55%	1,000,000
SBH-01AMT33	0.29mm	160 gf	0.18mm	50%	500,000
SBH-01AMT34N	0.53mm	180 gf	0.18mm	50%	500,000
SBH-01AMT35	0.34mm	200 gf	0.22mm	60%	500,000
SBH-01AMT36N	0.61mm	220 gf	0.22mm	60%	500,000
SBH-01AMT37	0.27mm	110 gf	0.17mm	55%	1,000,000
SBH-01AMT38N	0.52mm	135 gf	0.17mm	55%	1,000,000
SBH-01AMT39	0.29mm	160 gf	0.19mm	55%	1,000,000
SBH-01AMT40N	0.53mm	185 gf	0.19mm	55%	1,000,000
SBH-01AMT41N	0.58mm	205 gf	0.20mm	55%	1,000,000
SBH-01AMT42N	0.56mm	275 gf	0.20mm	45%	1,000,000
SBH-01AMT43	0.27mm	100 gf	0.17mm	50%	1,000,000
SBH-01AMT44N	0.51mm	120 gf	0.17mm	50%	1,000,000
SBH-01AMT45	0.34mm	200 gf	0.23mm	55%	1,000,000
SBH-01AMT46N	0.58mm	220 gf	0.23mm	55%	1,000,000
SBH-01AMT47	0.36mm	240 gf	0.25mm	43%	1,000,000
SBH-01AMT48N	0.61mm	250 gf	0.25mm	45%	1,000,000

Mouser Electronics

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