








BOSAN SMD MAGNETIC TRANSDUCERS

Our Korean supplier for SMD magnetic transducers **BOSAN Hitech Co. Ltd.** BOSAN is specialized in SMD magnetic transducers. With just a few different models existing, the majority of industrial needs in acoustic signaling can be covered, such as loud warning sound or soft confirmation beep. The manufacturing of BOSAN sounders is fully automatic. Company BOSAN is certified acc. to ISO 9001. A certification according to Automotive standard is under consideration. All BOSAN transducers are non-washable magnetic SMD type, suitable for reflow soldering. The parts come in tape-on-reel packagings, quantity is depending on particular model.

SELECTION GUIDE

STYLE/DIMENSIONS [mm]	MODEL NUMBER	OPERATING VOLTAGE [V]	DCR [Ω]	MAX. CURRENT [mA]	FREQUENCY [Hz]	MIN. SPL [dB]	TEMPERATURE RANGE [°C]	HOUSING MATERIAL / SOUND EXIT	PACKAGING
 5.0×5.0×2.0	BST-5523SA	3.0 (2.0...4.0)	12	100	4000	78	T _{OP} : -30...+70 T _{STG} : -45...+85	Nylon #46/ at the top	T&R / 2,000 pcs. per reel
 5.0×5.0×3.0	BST-5533S	3.0 (2.0...4.0)	12	100	4000	78	T _{OP} : -30...+70 T _{STG} : -45...+85	Nylon #46/ at the top	T&R / 2,000 pcs. per reel
 8.5×8.5×3.0	BST-0833A	3.6 (2.5...4.5)	16	100	2700	88	T _{OP} : -30...+70 T _{STG} : -40...+85	Nylon #46/ sideways	T&R / 1,000 pcs. per reel
 8.5×8.5×3.0	BST-0833D	3.6 (2.5...4.5)	16	100	3000	85	T _{OP} : -30...+70 T _{STG} : -40...+85	Nylon #46/ sideways	T&R / 1,000 pcs. per reel
 8.5×8.5×3.0	BST-0835A	5.0 (4.0...6.0)	30	100	2700	90	T _{OP} : -30...+75 T _{STG} : -40...+85	Nylon #46/ sideways	T&R / 1,000 pcs. per reel
 8.5×8.5×4.0	BST-0843A	3.6 (2.5...4.0)	16	100	2700	88	T _{OP} : -30...+70 T _{STG} : -40...+85	Nylon #46/ sideways	T&R / 1,000 pcs. per reel
 8.5×8.5×4.0	BST-0845A	5.0 (4.0...6.0)	30	80	2700	90	T _{OP} : -20...+60 T _{STG} : -40...+85	Nylon #46/ sideways	T&R / 1,000 pcs. per reel

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