






**SEM MODULE & CHIP NAMING RULE**

All product families and corresponding article numbers



MATERIAL	ELEMENT	TOPOLOGY	CURRENT (A) OR RDSON (MOHM)	HOUSING	VOLTAGE (10V)	GENERATION	OPTION1	OPTION2	COMMENT
SC									SiC
Si									Silicon
	S								Switch
	D								Diode
		A							Single
		D							Dual
		S							Six-pack
		P							PIM
			0800						Current per switch (example)
				ED					
				ST					
				EP					
				EVD					
				BEVD					
				HEEV					
				C					Chip
					120				Blocking voltage divided by 10 (example)
						120			IGBT chip generation
						D20			Diode chip generation

AUTHOR	CHECKED	RELEASED
S.M.	VP Product Management and Application	VP Supply and Quality

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Silicon based semiconductor

Switch

Dual configuration

Current rating in ampere

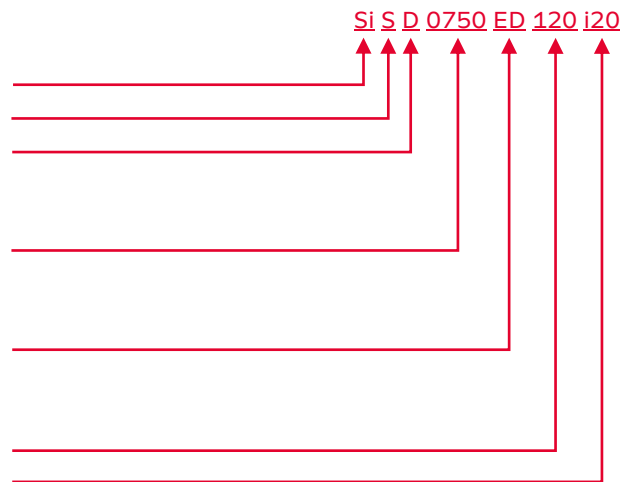
- 0800
- 0750
- 0600
- 0450

ED-type module

Voltage class in volt divided by ten

- 170
- 120

/i20 internal device generation



DATE	AUTHOR	REMARK
September 7th, 2022	SM	Initial Version
February 6th, 2024	SM	Update with new product families

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