



23916120

[SKiM270GD176D](#)

SKiM 5

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Product specifications

Characteristic	Value
Product Status	In Production
Country of origin	Italy
Current (A)	300 A
Voltage (V)	1700 V
Topology	Sixpack
Product line	SKiM 4/5
Housing	SKiM 5
Dimensions (LxWxH)	178x107x35
Technology	IGBT
Chip technology	IGBT 3 (Trench)
Features	<ul style="list-style-type: none"> • Homogenous Si • Trench = Trenchgate Technology • Low inductance case • Isolated by Al₂O₃ DCB (Direct Copper Bonded) ceramic plate • Pressure contact technology for PCB mounting • VCEsat with positive temperature coefficient • High short circuit capability, self limiting to 6x IC • Vf value is specified on chip level • Integrated temperature sensor
Typical applications	<ul style="list-style-type: none"> • AC inverter drives mains 575 - 750 V AC • public transport (auxiliary syst.)
Legacy part number	23916120

General specifications

Characteristic	Value
Gross weight	0.556 Kilogram
Net weight	0.46 Kilogram
Proposition 65	Cancer and Reproductive Harm

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