

## TE450GB12C2R4-CA1

1	2	3	4	5	6	7	8	9	10
TE	450	G	B	12	C2	R	4	C	A1

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|---|---|
| <p><b>1</b> TE: Technicon</p> <p><b>2</b> Rated current: <math>I_{c\_nom}</math></p> <p><b>3</b> Type: G = IGBT<br/>S = SiC<br/>H = Hybrid</p> <p><b>4</b> Configuration: B = half-bridge<br/>D = 6-pack</p> <p><b>5</b> Rated voltage: <math>V_{CE}/100</math></p> | <p><b>6</b> Case: C2 = 62 mm<br/>C1 = 34 mm<br/>C5 = ED3<br/>C6 = HPD</p> <p><b>7</b> Special mark: R = Adopted for Russia</p> <p><b>8</b> IGBT technology: 4 = Trench 4<br/>7 = Trench 7<br/>5 = Fast Field-Stop</p> <p><b>9</b> Special mark: C = Customized</p> <p><b>10</b> Selected for parallel connection, <math>V_f</math> groups: A1, A2, A3.<br/>Please refer to «<b>Technicon AN 02-2025: Parallel connection of IGBT</b>»</p> |
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Option M01: pre-applied thermal interface P12 ( $\lambda=0.8 \text{ W/m}^2\text{K}$ ),  
M01 is marked on packaging box only!