



## JST20C-800CW 20A TRIAC

Rev.A.1.1

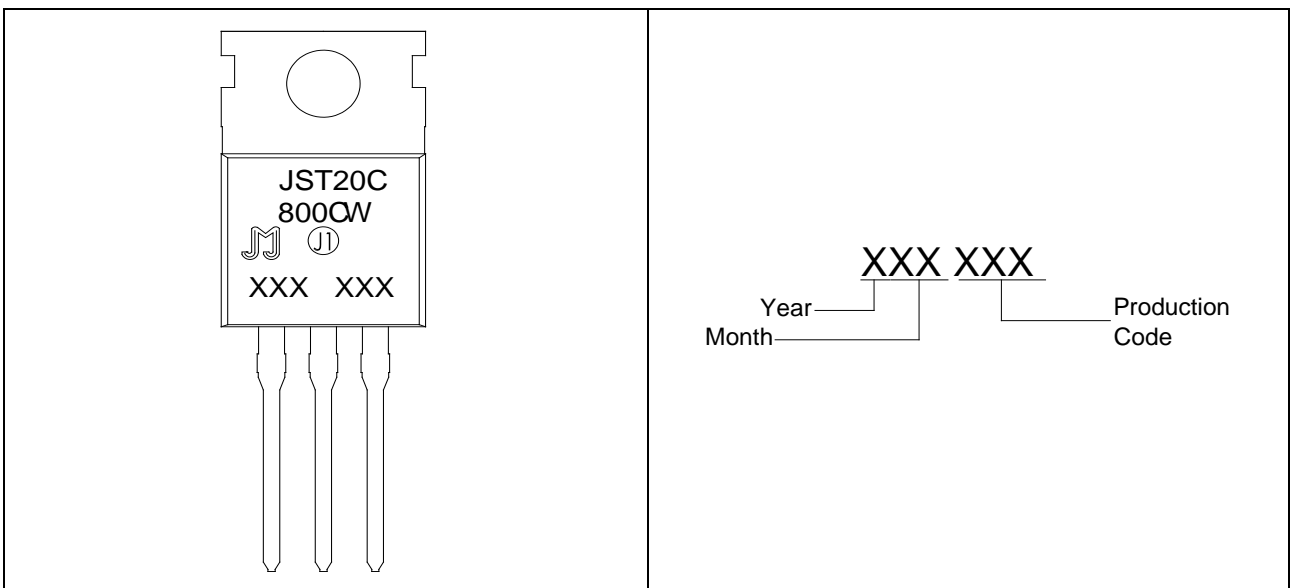
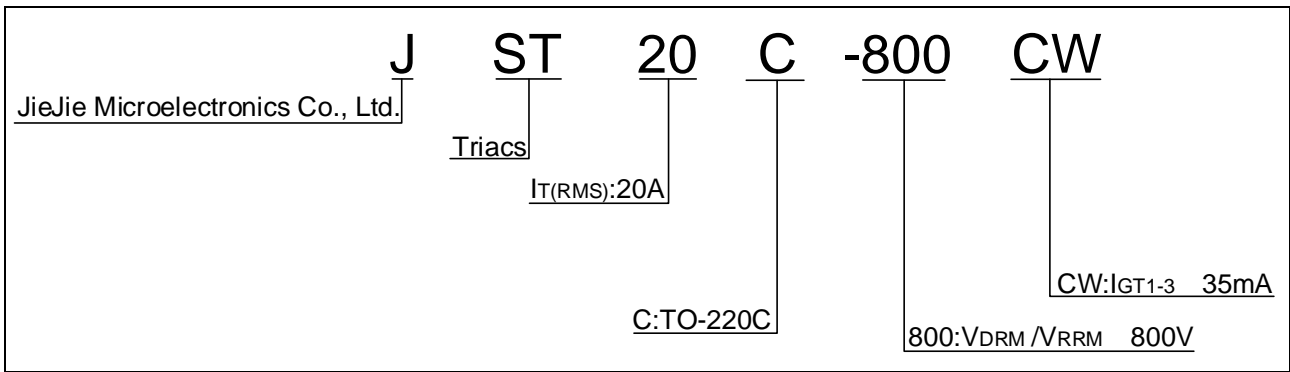
The JST20C-800CW triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. JST20C-800CW snubberless triac is especially recommended for use on inductive loads. From T2 terminals to external heatsink. Package TO-220C is RoHS compliant.

Parameter	Symbol	Value	Unit
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Peak pulse voltage ( $T_j=25$ ; non-repetitive, off-state; FIG.7)	$V_{pp}$	4	kV
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( $T_j=25$  unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
$I_{GT}$	$V_D=12V$ $R_L=33$	- -	MAX.	35	mA
$V_{GT}$		- -	MAX.	1	V
$V_{GD}$	$V_D=V_{DRM}$ $T_j=125$ $R_L=3.3k$ <del>MAX</del> † a				



**JST20C-800CW**

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FIG.7 Test condition: Td00 0 TdTT2 1 Tf 9[93 MC 4 0 .2740 TdT[(T)105 (es)14 (t)04 1 0 Tw 1.50J

Order code	Voltage $V_{\text{DRM}}/V_{\text{RRM}}$ (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		H- I- J			
<b>JST20C-800CW</b>	<b>800</b>	<b>35</b>	<b>TO-220C</b>	<b>50</b>	<b>Tube</b>

### Document Revision History

Date	Revision	Changes
Apr.12, 2023	A.1.0	Last updated
Oct.15, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA

