

# International Co., Limited.

Image may be representation. See specs for product details.

# T1205-600G-TR

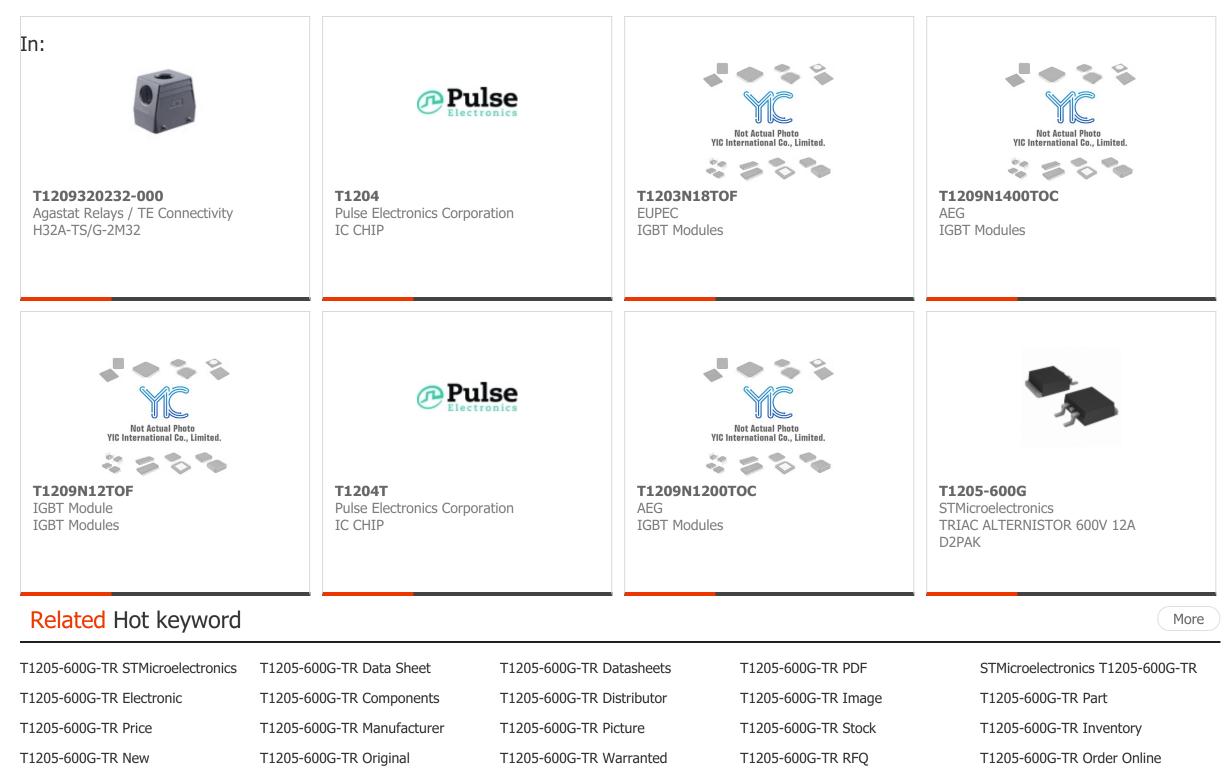
Manufacturer Part Number:	T1205-600G-TR
Manufacturer/Brand:	STMicroelectronics
Part of Description:	TRIAC ALTERNISTOR 600V 12A D2PAK
Datasheets:	T1205-600G-TR.pdf
RoHs Status:	Kohs Lead free / RoHS
Stock Condition:	Compliant New original, Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

## Specifications

Description   TRLAC ALTERNISTOR 600V 12A D2PAK     Category   Discrete Semiconductor Products > Thylators - TRLACs     Part Status   Require For Quote & Check Stock     Voltage - Off State   600V     Voltage - Off State   600V     Voltage - Cate Trigger (Vgt) (Max)   1.3V     Supplier Device Package   D2PAK     Series   D2PAK     Series   Subberdess"     Packaging   Tape & Real (TR)     Package / Case   T-026-3.3. DPPak (2 Leads + Tab), TO-263AB     Operating Temperature   -40°C ~ 125°C (TJ)     Mounting Type   Surface Mount     Notere Sensitivity Level (MSL)   1 (Unlimited)     Marcaturer Standard Lead Time   31 Weeks     Lead Free Status / RoHS Status   Lead Free / RoHS Compliant     Dataled Description   TRLAC Alternistor - Snubberless 600V 12A Surface     Dataled Description   120A, 126A     Current - On State (It (NHSS)) (Max)   120A, 126A     Current - Non Rep. Surge 50, 60Hz (Itsm)   120A, 126A     Current - Loid (Th) (Max)   5mA	Part Number	T1205-600G-TR
Category   Discrete Semiconductor Products > Thyristors - TRIACs     Part Status   Require For Quote & Check Stock     Voltage - Gaft Frigger (Vgt) (Max)   600V     Voltage - Gate Trigger (Vgt) (Max)   1.3V     Triac Type   Attemistor - Snubberless     Supplier Device Package   D2PAK     Series   Snubberless ''     Package / Case   Triac Xpe     Package / Case   To-263-3, D2Pak (2 Leads + Tab), TO-263AB     Operating Temperature   40°C ~ 125°C (TJ)     Mounting Type   Surface Mount     Noiscure Sensitivity Level (MSL)   1 (Unlimited)     Maurfacturer Standard Lead Time   31 Weeks     Lead Free Status / RoHS Status   Lead free / RoHS Compliant     Current - On State (It (RMSL)) (Max)   120A, 126A     Current - Non Rep. Surge 50, 60Hz (Itsm)   120A, 126A     Current - Hold (Ih) (Max)   10mA     Current - Gate Trigger (Tgt) (Max)   SmA	Manufacturer	STMicroelectronics
Part Status   Require For Quote & Check Stock     Voltage - Off State   600V     Voltage - Gate Trigger (Vgt) (Max)   1.3V     Triac Type   Alternistor - Snubberless     Supplier Device Package   D2PAK     Series   Snubberless**     Packaging   Tape & Reel (TR)     Package / Case   To-263-3, DxPack (2 Leads + Tab), TO-263AB     Operating Temperature   -40°C ~ 125°C (TJ)     Mounting Type   Surface Mount     Nofsture Sensitivity Level (MSL)   1 (Unlimited)     Maunfacturer Standard Lead Time   31 Weeks     Lead Free Status / RoHS Status   Lead free / RoHS Compliant     Current - On State (It (MMSJ)) (Max)   12A     Current - Non Rep. Surge SO, 60Hz (Itsm)   120A, 125A     Current - Hold (Ih) (Max)   10mA     Current - Gate Trigger (Igt) (Max)   SmA	Description	TRIAC ALTERNISTOR 600V 12A D2PAK
Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)1.3VTriac TypeAlternistor - SnubberlessSuppler Device PackageD2PAKSeriesSnubberless "IPackagingTape & Reel (TR)Package / Case10-263-3, D*Pak (2 Leads + Tab), TO-263ABOperating Temperature-40°C ~ 125°C (T)Mounting TypeSurface MountMolture Sensitivity Level (MSL)1 (Unlimited)Manufacturer Standard Lead Time31 WeeksLead Free Status / RoHS StatusLead free / ROHS CompliantDetailed Description12ACurrent - On State (It (RMSD) (Max)120A, 126ACurrent - Non Rep. Surge 50, 60Hz (Itsm)10mACurrent - Kold (Ith) (Max)10mACurrent - Gate Trigger (Lgt) (Max)Small	Category	Discrete Semiconductor Products > Thyristors - TRIACs
Voltage - Gate Trigger (Vgt) (Max)1.3VTriac TypeAlternistor - SnubberlessSuppler Device PackageD2PAKSeriesSnubberless **PackagingTape & Reel (TR)Package / CaseTO-263-3, D*Pak (2 Leads + Tab), TO-263ABOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountMoisture Sensitivity Level (MSL)1 (Unlimited)Manufacturer Standard Lead Time31 WeeksLead Free Status / RoHS StatusLead free / RoHS CompliantDetailed DescriptionTRIAC Alternistor - Snubberless 600V 12A SurfaceCurrent - Non Rep. Surge 50, 60Hz (Itsm)12ACurrent - Hold (Ih) (Max)IomACurrent - Gate Trigger (Igt) (Max)SmA	Part Status	Require For Quote & Check Stock
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Supplier Device PackageD2PAKSeriesSnubberless <sup>m</sup> PackagingTape & Reel (TR)Package / CaseTO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263ABOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountMoisture Sensitivity Level (MSL)1 (Unlimited)Maunfacturer Standard Lead Time31 WeeksLead Free Status / RoHS StatusLead free / RoHS CompliantDetailed DescriptionTRIAC Alternistor - Snubberless 600V 12A SurfaceDetailed Description12ACurrent - Non Rep. Surge 50, 60Hz (Itsm)120ACurrent - Hold (Ih) (Max)10mACurrent - Fater Trigger (Igt) (Max)SmA	Voltage - Gate Trigger (Vgt) (Max)	1.3V
Series Snubberless <sup>™</sup> Packaging Tape & Reel (TR)   Package / Case To-263-3, D*Pak (2 Leads + Tab), To-263AB   Operating Temperature -40°C ~ 125°C (TJ)   Mounting Type Surface Mount   Moisture Sensitivity Level (MSL) 1 (Unlimited)   Manufacturer Standard Lead Time 31 Weeks   Lead Free Status / RoHS Status Lead free / RoHS Compliant   Detailed Description. TRIAC Alternistor - Snubberless 600V 12A Surface   Current - On State (It (RMS)) (Max) 12A   Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 126A   Current - Hold (Ih) (Max) ImmA   Current - Fater Trigger (Igt) (Max) SmA	Triac Type	Alternistor - Snubberless
PackagingTape & Reel (TR)Package / CaseTO-263-3, D Pak (2 Leads + Tab), TO-263ABOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountMoisture Sensitivity Level (MSL)1 (Unlimited)Manufacturer Standard Lead Time31 WeeksLead Free Status / ROHS StatusLead free / ROHS CompliantDetailed Description12ACurrent - On State (It (RMS)) (Max)12ACurrent - Non Rep. Surge 50, 60Hz (Itsm)10mACurrent - Hold (Ih) (Max)10mACurrent - Gate Trigger (Igt) (Max)5mA	Supplier Device Package	D2PAK
Package / CaseT0-263-3, D2Pak (2 Leads + Tab), T0-263ABOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountMoisture Sensitivity Level (MSL)1 (Unlimited)Manufacturer Standard Lead Time31 WeeksLead Free Status / ROHS StatusLead free / ROHS CompliantDetailed Description.12ACurrent - On State (It (RMS)) (Max)12ACurrent - Hold (Ih) (Max)10mACurrent - Gate Trigger (Igt) (Max)5mA	Series	Snubberless™
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountMoisture Sensitivity Level (MSL)1 (Unlimited)Manufacturer Standard Lead Time31 WeeksLead Free Status / RoHS StatusLead free / RoHS CompliantDetailed DescribtionTRIAC Alternistor - Snubberless 600V 12A SurfaceCurrent - On State (It (RMS)) (Max)12ACurrent - Hold (Ih) (Max)10mACurrent - Gate Trigger (Igt) (Max)5mA	Packaging	Tape & Reel (TR)
Mounting TypeSurface MountMoisture Sensitivity Level (MSL)1 (Unlimited)Manufacturer Standard Lead Time31 WeeksLead Free Status / RoHS StatusLead free / RoHS CompliantDetailed DescriptionTRIAC Alternistor - Snubberless 600V 12A SurfaceCurrent - On State (It (RMS)) (Max)12ACurrent - Non Rep. Surge 50, 60Hz (Itsm)10mACurrent - Gate Trigger (Igt) (Max)5mA	Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
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Lead Free Status / RoHS StatusLead free / RoHS CompliantDetailed DescriptionTRIAC Alternistor - Snubberless 600V 12A SurfaceCurrent - On State (It (RMS)) (Max)12ACurrent - Non Rep. Surge 50, 60Hz (Itsm)120A, 126ACurrent - Hold (Ih) (Max)10mACurrent - Gate Trigger (Igt) (Max)5mA	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Detailed Description TRIAC Alternistor - Snubberless 600V 12A Surface   Current - On State (It (RMS)) (Max) 12A   Current - Non Rep. Surge 50, 60Hz (Itsm) 120A, 126A   Current - Hold (Ih) (Max) 10mA   Current - Gate Trigger (Igt) (Max) 5mA	Manufacturer Standard Lead Time	31 Weeks
Detailed Description   Current - On State (It (RMS)) (Max) 12A   Current - Non Rep. Surge 50, 60Hz (Itsm) 120A, 126A   Current - Hold (Ih) (Max) 10mA   Current - Gate Trigger (Igt) (Max) 5mA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Current - On State (It (RMS)) (Max)12ACurrent - Non Rep. Surge 50, 60Hz (Itsm)120A, 126ACurrent - Hold (Ih) (Max)10mACurrent - Gate Trigger (Igt) (Max)5mA	Detailed Description	TRIAC Alternistor - Snubberless 600V 12A Surface
Current - Hold (Ih) (Max)10mACurrent - Gate Trigger (Igt) (Max)5mA	Current - On State (It (RMS)) (Max)	12A
Current - Gate Trigger (Igt) (Max) 5mA	Current - Non Rep. Surge 50, 60Hz (Itsm)	120A, 126A
	Current - Hold (Ih) (Max)	10mA
	Current - Gate Trigger (Igt) (Max)	5mA
Configuration Single	Configuration	Single

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