



PRODUCT CHANGE NOTIFICATION

GAS DISCHARGE TUBES



GDT28H Series - High Voltage Gas Discharge Tube

Change to Manufacturing Location, Design and Materials

Riverside, California – July 10, 2026 – As part of Bourns' strategic initiative to strengthen its global manufacturing footprint, production of GDT28H Series - High Voltage Gas Discharge Tubes will transition to an expanded manufacturing location, effective January 4, 2027. This initiative reflects the consolidation of production within Bourns' existing manufacturing network, improving operational efficiency and reinforcing supply chain resilience to better serve our customers' evolving demand. A list of affected part numbers is included on page 2.

The country of origin for the GDT28H Series - High Voltage Gas Discharge Tube will change from Costa Rica to China. The product incorporates a revised design and updated materials aligned with the capabilities and processes of the new manufacturing location. As a result, the form, fit and function will change. Established and standardized quality controls, lot traceability, and continuous monitoring processes across Bourns' manufacturing locations ensure that the quality and reliability of the affected parts will remain unchanged.

The form, fit, and function are changing because the GDT28H Series - High Voltage Gas Discharge Tube will have updated electrical and mechanical specifications due to part changes associated with the location change. These updated specifications are provided in the Electrical and Mechanical Specifications Changes table and the Straight Lead Length Change table at the end of this document.

These changes have been validated through Bourns' qualification processes, in alignment with applicable industry standards and market requirements. Bourns recommends that customers test the affected part numbers in their specific applications to verify satisfactory performance.

There are no changes to the Bourns® part numbering scheme, branding, safety certification or applicable test methods (ITU-T K.12, IEEE C62.31, IEC 61643-311) for the part numbers listed below.

Parts manufactured prior to January 4, 2027, will reflect the current specifications, while the updated values will apply to all parts from that date forward.

Implementation dates are as follows:

Date that manufacturing of products at the current location will cease: **December 18, 2026**

Date that deliveries of products manufactured at the new site will begin: **January 4, 2027**

First date code using the above changes: **2701**

If you have any questions or need additional information, please feel free to [contact Customer Service/Inside Sales](#).

Users should verify that the described changes will not impact the performance of the product in their specific applications.

GDT2611

Bourns may fulfill orders for part numbers listed in the Affected Part Number table from either the current or the new manufacturing site until the existing supply from the current location is exhausted. During this transition period, shipments will reflect the specifications of the producing site, and customers can identify the source through the lot code and date code on each shipment.

Bourns will support customers throughout implementation of this transition. Product samples and technical documentation are available. Additional information can be obtained through Customer Service or Inside Sales.

Affected Part Numbers

GDT28H-100-A	GDT28H-110-BRP	GDT28H-130-B	GDT28H-200-A	GDT28H-250-BRP	GDT28H-300-B
GDT28H-100-B	GDT28H-120-A	GDT28H-130-BRP	GDT28H-200-B	GDT28H-270-A	GDT28H-300-BRP
GDT28H-100-BRP	GDT28H-120-B	GDT28H-150-A	GDT28H-200-BRP	GDT28H-270-B	GDT28H-330-A
GDT28H-110-A	GDT28H-120-BRP	GDT28H-150-B	GDT28H-250-A	GDT28H-270-BRP	GDT28H-330-B
GDT28H-110-B	GDT28H-130-A	GDT28H-150-BRP	GDT28H-250-B	GDT28H-300-A	GDT28H-330-BRP

Electrical and Mechanical Specification Changes

Model	GDT28H	GDT28H new specs
IR	10 GΩ	1 GΩ
Diameter (mm)	8.0 ±0.4	8.0 ±0.3-0.5
Pin Siameter (mm)	1.0 ±0.1	0.8 ±0.05
Marking	Laser	Black/White Ink

Marking Change Detail

Previous Marking Orientation	New Marking Orientation
MANUFACTURER'S TRADEMARK PART IDENTIFICATION 28-xxx WWYY DATE CODE	

Straight Lead Length Change

Previous Lead Dimesions	New Lead Dimensions
67.0 ± 0.8 (2.64 ± .031) 1.0 ± 0.04 (.039 ± .002) DIA. DIMENSIONS: MM (INCHES)	62.0 ± 2.0 (2.44 ± .08) 0.8 ± 0.05 (.031 ± .002) DIA. DIMENSIONS: MM (INCHES)

Users should verify that the described changes will not impact the performance of the product in their specific applications.