DOCUMENT CHANGE REQUEST

DCR number 1806	Changes required for: General	Originator: Steve Thacker
Date: 2026/05/12	Date sent: 2026/04/27	Organisation: ESCC Executive Secretariat
Status: IMPLEMENTED		

Title:	Diodes Microwave Silicon PIN, based on BXY42-MESA		
Number:	5513/017	Issue:	7

Other documents affected:

Page:

9, 11

Paragraph:

2.5.1 & 2.7

Original wording:

As per current issue above in Paras 2.5.2 & 2.7:
i.e.
For Variant 01, 02: CT = 0.24pF max
For Variant 03: CT = 0.29pF max

Proposed wording:

Amend characteristic limit values in Paras 2.5.2 & 2.7 as follows:
For Variant 01, 02: CT = 0.24pF min / 0.3pF max
For Variant 03: CT = 0.29pF min / 0.35pF max

Justification:

DCR is raised on behalf of Manufacturer: Infineon Technologies AG.

Total Capacitance limits to be adjusted due to characterisitics of the component package from the new suppier; see attached Infineon paper.

Attachments:
infineon_dcr_attachment___dcr_bxy42_ct_max_change_v1.pdf
Modifications:
N/A
Approval signature:

Date signed:
2026-05-12