

DOCUMENT No: DG-002	TITLE: Dimensioning and Tolerancing Guidelines for Dust Caps	PAGE: 1 of 1
APPLICATION:	REVISION: 2/2/04	DATE: 2/2/04

Note: All tolerance units are millimeters (mm) unless otherwise stated.

Feature	Special Characteristics	Tolerance
Shoulder O.D.	S	± 0.13 or ± 0.5% of the nominal, whichever is greater
Neck O.D. Top	S	± 0.13 or ± 0.5% of the nominal, whichever is greater
Neck O.D. Bottom	C	± 0.25
Neck I.D. Top	C	± 0.25
Neck I.D. Bottom	S	± 0.25
Dome I.D.	S	± 0.08 or ± 0.3% of the nominal, whichever is greater
Overall Height	S	± 0.13
Neck Angle	S	± 3°
Dome O.D.	S	± 0.25 or ± 1% of the nominal, whichever is greater
Neck Height	S	± 0.13
Dome Radius (Inner/Outer)	S	± 0.4 or ± 1.5% of the nominal, whichever is greater
Material Thickness		± 0.05 or ± 10% of the nominal, whichever is greater
Mass	C	± 5% of the nominal

Revision History

Rev Level	Description of Change	Prepared/ Changed By/ Date	Approved By/ Date
DRAFT	Create document	Brian Sterling 7/21/03	--
2/2/04	Release document	Brian Sterling 7/21/03	ALMA Committee 1/7/04