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SUBMIT

TECHSPEC®



TECHSPEC® Diamond-Like Carbon (DLC) Coated Germanium Windows

Stock #13-797 CONTACT



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€1.106,00

AJOUTER AU PANIER

Qté 1-10

€1.106,00

Qté 11+

€995,50

Prix sur Quantité

[Demande de Devis](#)

ⓘ Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement



Biseau:  
Protective as needed

Ouverture Utile (%):

|                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|
| 90                                                                                                                                          |
| <b>Ouverture Utile CA (mm):</b><br>45.00                                                                                                    |
| <b>Diamètre (mm):</b><br>50.00 +0.0/-0.1                                                                                                    |
| <b>Épaisseur (mm):</b><br>1.00 ±0.1                                                                                                         |
| <b>Traitement:</b><br>S1: DLC Coating<br>S2: BBAR (8000-12000nm)                                                                            |
| <b>Spécification du Traitement:</b><br>AR: R <sub>avg</sub> ≤0.5% @ 8000 - 12000nm                                                          |
| <b>Bords:</b><br>Fine Ground                                                                                                                |
| <b>Dureté de Knoop (kg/mm²):</b><br>780                                                                                                     |
| <b>Parallélisme (arcmin):</b><br><1                                                                                                         |
| <b>Substrat:</b><br>Germanium (Ge)                                                                                                          |
| <b>Planéité de Surface (P-V):</b><br>λ/10 @ 10.6µm                                                                                          |
| <b>Qualité de Surface:</b><br>60-40                                                                                                         |
| <b>Type:</b><br>Protective Window                                                                                                           |
| <b>Gamme de Longueur d'Onde (nm):</b><br>8000 - 12000                                                                                       |
| <b>Coating Abrasion:</b><br>AR: Moderate, per MIL-C-48497A Paragraph 4.5.3.3<br>DLC: Severe, per MIL-C-675C Paragraph 4.5.10                |
| <b>Coating Adhesion:</b><br>AR: per MIL-C-48497A Paragraph 4.5.3.1<br>DLC: per MIL-M-13508C Paragraph 4.4.6                                 |
| <b>Coating Humidity:</b><br>AR: per MIL-C-48497A Paragraph 4.5.3.2<br>DLC: ≥24 Hours per MIL-C-675C paragraph 4.5.8                         |
| <b>Coating Salt Solubility:</b><br>AR: N/A<br>DLC: ≥24 Hours Immersion per MIL-C-675C paragraph 4.5.7                                       |
| <b>Coating Salt Spray:</b><br>AR: N/A<br>≥24 Hours per MIL-C-675C paragraph 4.5.9                                                           |
| <b>Coating Solubility and Cleaning:</b><br>AR: per MIL-C-48497A Paragraph 4.5.4.2<br>DLC: N/A                                               |
| <b>Coating Temperature (°F):</b><br>AR: -80 to +160 per MIL-C-48497A Paragraph 4.5.4.1<br>DLC: -80 to +160 per MIL-M-13508C Paragraph 4.4.4 |
| <b>Coating Wiper Durability:</b><br>AR: N/A<br>DLC: ≥5,000 Wipes of Sand/Slurry per TS-1888                                                 |
| <b>Remarque:</b><br>Arrow on substrate edge points towards DLC coated surface                                                               |

Conformité réglementaire

|                                                                 |
|-----------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Conforme</a>                   |
| <b>Certificate of Conformance:</b><br><a href="#">Visionner</a> |
| <b>Reach 235:</b><br><a href="#">Conforme</a>                   |