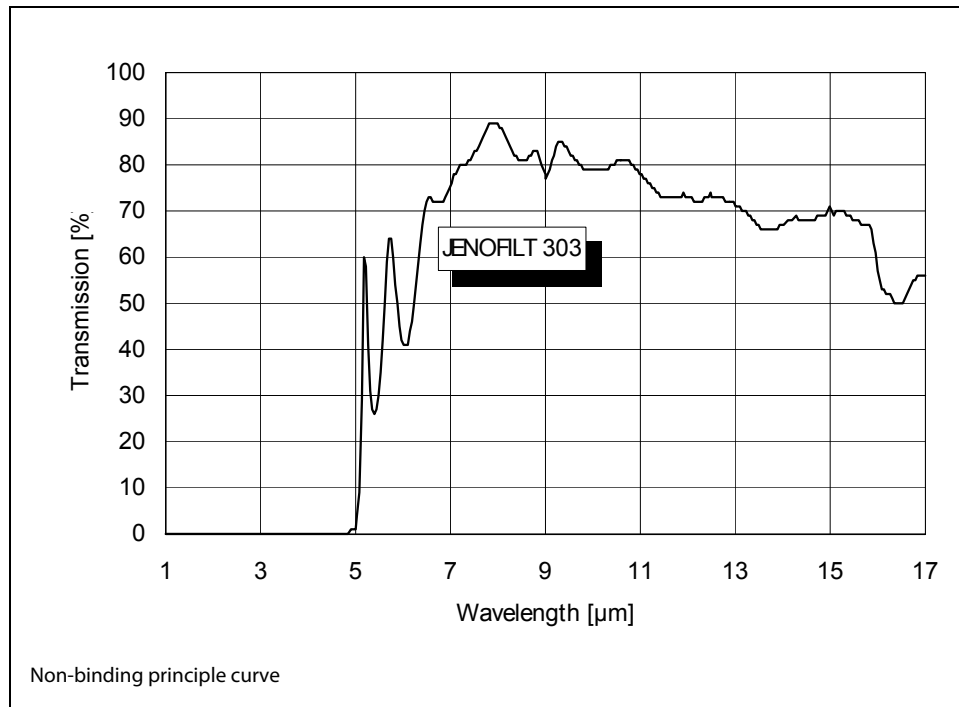


JENOFILT 303

Detector Window



Edge Filter for IR

Optical properties:

Transmission: $T_{\text{avg}} > 75\%$ for $7.5\ \mu\text{m} \leq \lambda \leq 13.5\ \mu\text{m}$
 Blocking: from UV to $5\ \mu\text{m}$ $T_{\text{avg}} < 0.5\%$

Applications:

This filter is advantageous to use for passive infrared detecting systems ("PIR").

Durability:

Adhesion: MIL-F-48616 / section 4.6.8.1
 Humidity: MIL-F-48616 / section 4.6.8.2
 Abrasion resistance: MIL-F-48616 / section 4.6.8.3

Substrate material:

4" silicon wafers, thickness 0.5 mm
 On request wafers can be cut into rectangular pieces $> 2\ \text{mm}$

Special features:

Other specifications on request.

Issue:

January 96

Doc-No.:

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Ordering code:

JENOFILT 303