

# PHOTONIS

PHOTONIS USA, INC. T +1-508-347-4000  
 P.O. Box 1159 F +1-508-347-3849  
 Sturbridge, MA 01566 www.photonis.com  
 USA

## SHIPPING DATA SHEET

Ship Date: 9-14-07

Part Number: 35781

Serial Number: 07M0017X-10

### MECHANICAL

Outside Dimension:*	86.61mm	L/D Ratio:*	60:1
Minimum Quality Area:*	75.0mm	Bias Angle:*	19°
Channel Diameter:*	10um	Solid Glass Border:	NO
Center to Center Spacing:*	12um	Open Area Ratio:	71%
Thickness:*	0.61mm		

### ELECTRICAL

Voltage	Bias Current (μAmps)	Gain
900V	75.5	$2.9 \times 10^4$
1200V	99.5	$5.9 \times 10^6$

\* Nominal dimensions. All electrode material is high purity nichrome unless noted.

### SPECIAL COATINGS

Type:	Input [ ] Output [ ] Both [ ]
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Tested By: CS/PG

### SPECIAL FEATURES

Matched set #1

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## SHIPPING DATA SHEET

Ship Date: 9-14-07

Part Number: 35781

Serial Number: 07M0017X-09

### MECHANICAL

Outside Dimension:*	86.61mm	L/D Ratio:*	60:1
Minimum Quality Area:*	75.0mm	Bias Angle:*	19°
Channel Diameter:*	10 $\mu$ m	Solid Glass Border:	NO
Center to Center Spacing:*	12 $\mu$ m	Open Area Ratio:	71%
Thickness:*	0.61mm		

### ELECTRICAL

Voltage	Bias Current ( $\mu$ Amps)	Gain
900V	75.0	$3.2 \times 10^4$
1200V	94.0	$5.4 \times 10^5$

\* Nominal dimensions. All electrode material is high purity nichrome unless noted.

### SPECIAL COATINGS

Type:	Input [ ] Output [ ] Both [ ]
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Tested By: CS/PG

### SPECIAL FEATURES

Matched set #1

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# PHOTONIS

1pc

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## SHIPPING DATA SHEET

Ship Date: 9-14-07

Part Number: 35782

Serial Number: 07M0016-05

### MECHANICAL

Outside Dimension:*	86.61mm	L/D Ratio:*	60:1
Minimum Quality Area:*	75.0mm	Bias Angle:*	19°
Channel Diameter:*	25µm	Solid Glass Border:	NO
Center to Center Spacing:*	32µm	Open Area Ratio:	56%
Thickness:*	1.50mm		

### ELECTRICAL

Voltage	Bias Current (µAmps)	Gain
900V	30.0	$3.0 \times 10^3$
1200V	41.0	$1.1 \times 10^5$

\* Nominal dimensions. All electrode material is high purity nichrome unless noted.

### SPECIAL COATINGS

Type:	Input [ ] Output [ ] Both [ ]
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Tested By: CS/PG

### SPECIAL FEATURES

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