

precision air slit

High Power

Specifications:

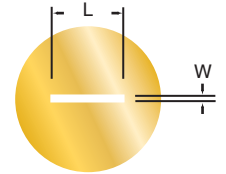
Finish: Gold plated one side, flat poly black (98% emissivity) on reverse side (see OPTIONS below)

Material: Beryllium Copper/Copper

Diameter: 3/8 inch (0.375 inch maximum), 9.53mm

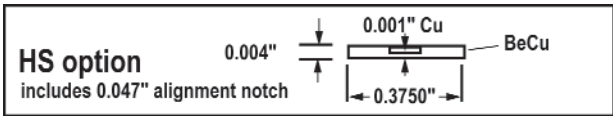
Positional tolerance: ϕ .006 inch (0.1524mm)

Thickness: 0.001 inch (25 μ m)



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Catalog #	Slit Width (μ m)	Length =	Tolerance	Price
4 - 5 - 3	5 μ m	3 mm	$\pm 1\mu$ m	\$85.00
4 - 10 - 3	10 μ m	3 mm	$\pm 1\mu$ m	\$85.00
4 - 25 - 3	25 μ m	3 mm	$\pm 2\mu$ m	\$75.00
4 - 50 - 3	50 μ m	3 mm	$\pm 3\mu$ m	\$75.00
4 - 100 - 3	100 μ m	3 mm	$\pm 4\mu$ m	\$75.00
4 - 200 - 3	200 μ m	3 mm	$\pm 4\mu$ m	\$75.00
			Width Range	Set-Up
For non-standard lengths up to 7.5mm: unlisted unit price per quote + setup shown			6 μ m to 24 μ m	\$95.00 per size
			26 μ m to 750 μ m	\$50.00 one time charge per order
Custom	Non-standard substrate or tolerance:		quote	
	Chemical Etching: (50 μ m and up \pm xxx):		quote	

OPTIONS	ADD'L COST
HS Extra-heavy substrate, 0.004 inch (0.1016mm) thick thinned down to 0.001 inch Cu thickness. 5 μ m to 20 μ m	65.00
Unlisted Size	75.00
25 μ m to 750 μ m	45.00
Unlisted Size	50.00
 <p>HS option includes 0.047" alignment notch</p>	
G2 Gold plated both sides	15.00
CT Closer Tolerance; half of listed tolerance, 25 μ m to 50 μ m	85.00
Unlisted Size	95.00
100 μ m to 1000 μ m	35.00
Unlisted Size	65.00
LL Longer lengths up to 100mm	quote

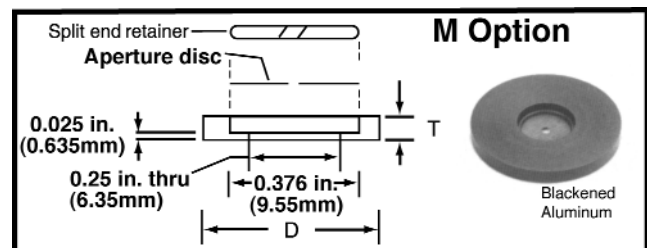
Power Resistance Examples:

0.5 to 1 megawatt/mm², 75 nanosecond duration, 700nm

1 to 2 megawatt/mm², 10 nanosecond duration, 700nm

Note: Because of the numerous power density conditions, a test on 1 mil Cu in your direct operating environment is recommended.

MOUNTS	ADD'L COST
M 25mm blackened aluminum mount (24.95mm x 2.54mm thick)	20.00
M-1 1 inch blackened aluminum mount (0.996 inch x 0.100 inch thick)	20.00
M-18 18mm blackened aluminum mount (18mm x 2.54mm thick)	20.00
M-0.5 0.5 inch blackened aluminum mount (0.496 inch x 0.050 inch thick)	20.00



CALIBRATIONS AND CERTIFICATIONS

C	ADD'L COST
Calibrated; actual size $\pm 1\mu$ m or 1% (25 μ m and up, average of end-center-end)	65.00

Ordering information Example; 25 μ m air slit 3mm long (4-25), calibrated (C)

The part number would be **4-25-3+C**