

precision air slit

High Power

Specifications:

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

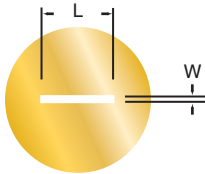
Material: Beryllium Copper/Copper

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

Positional tolerance: ϕ .006 inch (0.1524mm)

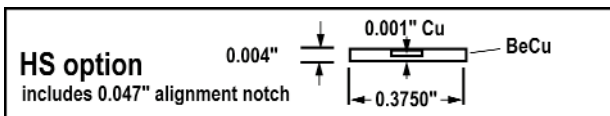
Thickness: 0.001 inch (25 μ m)

High Power

Catalog #	Slit Width (μ m)	Tolerance	L=3mm	L=2mm	L=1mm	
4 - 5 - L(mm)	5 μ m	\pm 1 μ m	\$85.00	\$75.00	\$60.00	
4 - 10 - L(mm)	10 μ m	\pm 1 μ m	\$85.00	\$75.00	\$60.00	
4 - 25 - L(mm)	25 μ m	\pm 2 μ m	\$75.00	\$65.00	\$50.00	
4 - 50 - L(mm)	50 μ m	\pm 3 μ m	\$75.00	\$65.00	\$50.00	
4 - 100 - L(mm)	100 μ m	\pm 4 μ m	\$75.00	\$65.00	\$50.00	
4 - 200 - L(mm)	200 μ m	\pm 4 μ m	\$75.00	\$65.00	\$50.00	
			Non-standard substrate or tolerance:			quote
			Chemical Etching: (50 μ m and up \pm xxx)			quote
Unlisted slit width:			Size	Set-Up	Add'l Per Unit	
			6 μ m to 24 μ m	\$95.00	\$20.00	
			25 μ m to 750 μ m	\$20.00	unit price shown	

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



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:

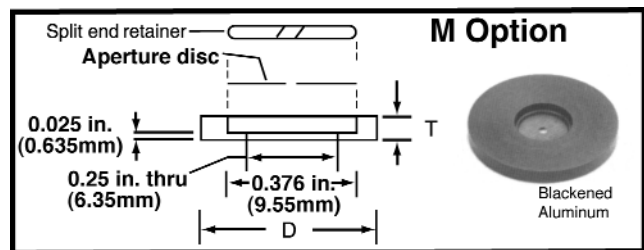
0.5 to 1 megawatt/mm², 75 nanosecond duration, 700nm

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 ADD'L COST

C	Calibrated; actual size \pm 1 μ m or 1% (25 μ m and up, end-center-end)	65.00
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Ordering information Example; 25 μ m air slit 3mm long (4-25), calibrated (C)

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