

# precision round

# 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:**  $\phi$ .006 inch (0.1524mm)

**Thickness:** 0.001 inch (25 $\mu$ m)

## High Power

Catalog #	Size	Tolerance	\$ Price Each
3 - 5	5 $\mu$ m	$\pm$ 1 $\mu$ m	60.00
3 - 10	10 $\mu$ m	$\pm$ 1 $\mu$ m	60.00
3 - 15	15 $\mu$ m	$\pm$ 1.5 $\mu$ m	60.00
3 - 25	25 $\mu$ m	$\pm$ 2 $\mu$ m	60.00
3 - 50	50 $\mu$ m	$\pm$ 3 $\mu$ m	60.00
3 - 100	100 $\mu$ m	$\pm$ 4 $\mu$ m	60.00
3 - 200	200 $\mu$ m	$\pm$ 6 $\mu$ m	60.00
3 - "size"	1100 to 7000 $\mu$ m		quote

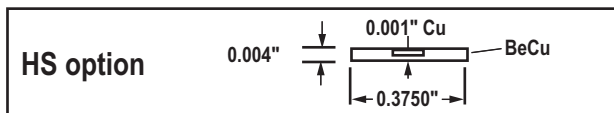
### Unlisted hole size for standard materials:

One time setup charge + price of nearest hole size

	6 $\mu$ m to 19 $\mu$ m	75.00
	20 $\mu$ m to 1000 $\mu$ m	55.00
<b>Non-standard substrate or tolerance:</b>		quote
<b>Chemical Etching:</b>		quote

### OPTIONS

HS	ADD'L COST
Extra-heavy substrate, 0.004 inch (0.1016mm) thick thinned down to 0.001 inch Cu thickness.	
5 $\mu$ m to 15 $\mu$ m	40.00
Unlisted Size	75.00
20 $\mu$ m to 1000 $\mu$ m	30.00
Unlisted Size	50.00



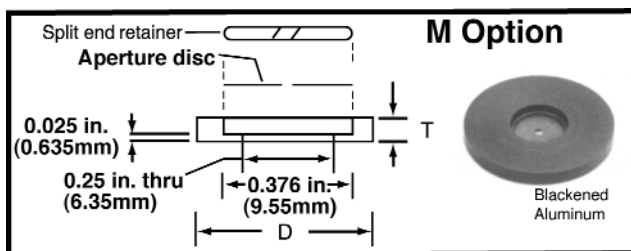
**G2** Gold plated both sides quote

Note: Listed sizes and unlisted sizes will be charged a setup and get normal delivery. Standby status for listed sizes will eliminate setup cost, but can add up to 4 weeks to delivery time.

<b>CT</b> Closer Tolerance; half of listed tolerance,	
5 $\mu$ m to 15 $\mu$ m	75.00
Unlisted Size	95.00
20 $\mu$ m and up	35.00
Unlisted Size	65.00

### MOUNTS

MOUNTS	ADD'L COST
<b>M</b> 25mm blackened aluminum mount (24.95mm x 2.54mm thick)	20.00
<b>M-1</b> 1 inch blackened aluminum mount (0.996 inch x 0.100 inch thick)	20.00
<b>M-18</b> 18mm blackened aluminum mount (18mm x 2.54mm thick)	20.00
<b>M-0.5</b> 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 $\pm$ 0.5 $\mu$ m or 1% (5 $\mu$ m and up)	20.00

### Power Resistance Examples:

0.5 to 1 megawatt/mm<sup>2</sup>, 75 nanosecond duration, 700nm

1 to 2 megawatt/mm<sup>2</sup>, 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.

**Delivery:** 2 weeks, standard HP Round

Ordering information Example; 25 $\mu$ m round, mounted on 25mm disc. Cat no.: **3-25+M**