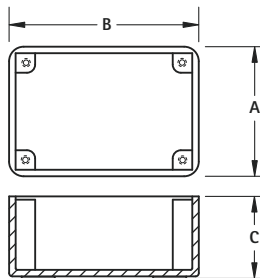


## PHENOLIC INSTRUMENT CASES



### MATERIALS:

**Phenolic Panels:** .062 (1.57) Glossy Black Phenolic, MIL-P3115C

**Aluminum Panels:** .062 (1.57), 5052-H34 per QQ 318 C; Bright finished surface with pressure sensitive protective covering tape

### MATERIALS:

**Phenolic Cases:** .125 (3.2) Wall thickness, Molded Glossy Black Phenolic, MIL-M-14, CFG

- Cases and panels are sold separately
- Covers available in Phenolic or Aluminum
- Covers can be machined to accept dials, switches, displays
- Panel mounting screws available - Refer to page 133
- Sturdy case can be machined for wiring access
- Ideal for prototype or lab use

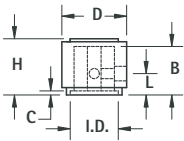
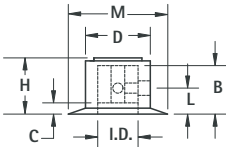
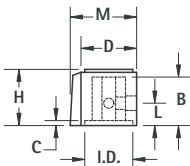
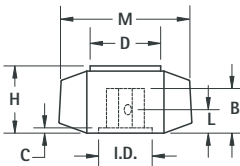
| COVER PANEL    |                |
|----------------|----------------|
| PHENOLIC PANEL | ALUMINUM PANEL |
| CAT. NO.       | CAT. NO.       |
| 2050           | 2051           |
| 2042           | 2044           |
| 2042           | 2044           |
| 2043           | 2045           |
| 2037*          | 2046           |
| 2052*          | 2053           |
| 2038*          | 2047           |
| 2039*          | 2048           |

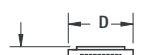
\*.093 (2.36)

| PHENOLIC CASE |               |               |              |                           |
|---------------|---------------|---------------|--------------|---------------------------|
| CAT. NO.      | A             | B             | C            | THREAD SIZE AND TYPE      |
| 715           | 2.500 (63.5)  | 3.500 (88.9)  | 1.250 (31.8) | 4-40 TAPPED               |
| 703           | 2.875 (73.0)  | 4.000 (101.6) | 1.562 (39.7) | 4-40 TAPPED               |
| 705           | 2.875 (73.0)  | 4.000 (101.6) | 1.562 (39.7) | USE #4 SELF TAPPING SCREW |
| 704           | 3.125 (79.4)  | 5.875 (149.2) | 2.250 (57.2) | 4-40 TAPPED               |
| 700           | 3.750 (95.3)  | 6.250 (158.8) | 2.000 (50.8) | 6-32 BRASS INSERT         |
| 716           | 4.250 (108.0) | 5.000 (127.0) | 1.750 (44.5) | 6-32 BRASS INSERT         |
| 701           | 5.250 (133.4) | 6.812 (173.0) | 2.312 (58.7) | 6-32 BRASS INSERT         |
| 702           | 7.375 (187.3) | 8.375 (212.7) | 3.000 (76.2) | 6-32 BRASS INSERT         |

## INSTRUMENTATION KNOBS

- All knobs supplied with brass insert and two set screws to hold knob securely to shaft.

| SPECIFICATIONS                                                                      |                                                                                     | CAT. NO. | SHAFT (DIA.) | D (DIA.)     | H (HEIGHT)   | M (MAX.)     | SHAFT ATTACHMENT DETAILS |             | NUT CLEARANCE |                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|--------------|--------------|--------------|--------------|--------------------------|-------------|---------------|------------------|
| Knob: ABS<br>Inlay: Spun Aluminum<br>Insert: Brass, Nickel Plate                    |                                                                                     |          |              |              |              |              | L (LOCATION)             | B (DEPTH)   | I.D. (DIA.)   | C (C'BORE DEPTH) |
|                                                                                     |                                                                                     |          |              |              |              |              |                          |             |               |                  |
|   |   | 8554     | .125 (3.2)   | .500 (12.7)  | .660 (16.8)  | -            | .320 (8.1)               | .570 (14.5) | .360 (9.1)    | .170 (4.3)       |
|                                                                                     |                                                                                     | 8555     | .250 (6.4)   | .700 (17.8)  | .780 (19.8)  | -            | .360 (9.1)               | .680 (17.3) | .500 (12.7)   | .180 (4.6)       |
|                                                                                     |                                                                                     | 8556     | .250 (6.4)   | .920 (23.4)  | 1.010 (25.7) | -            | .460 (11.7)              | .910 (23.1) | .640 (16.3)   | .330 (8.4)       |
|                                                                                     |                                                                                     | 8557     | .250 (6.4)   | 1.250 (31.8) | .828 (21.0)  | -            | .400 (10.2)              | .700 (17.8) | 1.010 (25.7)  | .250 (6.4)       |
|  |  | 8558     | .125 (3.2)   | .500 (12.7)  | .660 (16.8)  | .915 (23.4)  | .320 (8.1)               | .570 (14.5) | .360 (9.1)    | .170 (4.3)       |
|                                                                                     |                                                                                     | 8559     | .250 (6.4)   | .700 (17.8)  | .780 (19.8)  | 1.150 (29.2) | .357 (9.1)               | .660 (16.7) | .480 (12.2)   | .180 (4.6)       |
|                                                                                     |                                                                                     | 8560     | .250 (6.4)   | .920 (23.4)  | 1.010 (25.7) | 1.520 (38.6) | .500 (12.7)              | .910 (23.1) | .640 (16.3)   | .240 (6.1)       |
|                                                                                     |                                                                                     | 8561     | .250 (6.4)   | 1.250 (31.8) | .920 (23.4)  | 1.860 (47.2) | .470 (11.9)              | .800 (20.3) | .780 (19.8)   | .350 (8.9)       |
|  |  | 8567     | .125 (3.2)   | .500 (12.7)  | .500 (12.7)  | .610 (15.5)  | .160 (4.0)               | .405 (10.3) | .410 (10.4)   | .030 (0.8)       |
|                                                                                     |                                                                                     | 8568     | .250 (6.4)   | .700 (17.8)  | .625 (15.9)  | .820 (20.8)  | .210 (5.3)               | .480 (12.2) | .468 (11.9)   | .030 (0.8)       |
|                                                                                     |                                                                                     | 8569     | .250 (6.4)   | .920 (23.4)  | .780 (19.8)  | 1.090 (27.7) | .240 (6.1)               | .660 (16.8) | .640 (16.3)   | .100 (2.5)       |
|  |  | 8565     | .250 (6.4)   | .700 (17.8)  | .630 (16.0)  | 1.187 (30.2) | .210 (5.3)               | .510 (13.0) | .570 (14.5)   | .030 (0.8)       |
|                                                                                     |                                                                                     | 8566     | .250 (6.4)   | .920 (23.4)  | .640 (16.3)  | 1.510 (38.6) | .260 (6.6)               | .540 (13.7) | .730 (18.5)   | .120 (3.1)       |

| SPECIFICATIONS                                                                                                                  |                                                                                     | CAT.<br>NO. | COLOR   |        | KNOB DIMENSIONS |             |               | NUT CLEARANCE  |                     |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|---------|--------|-----------------|-------------|---------------|----------------|---------------------|
| Material: Colored Polypropylene hub. Thermoplastic Elastomer (TPE) - Soft-Touch gripping surface<br>Insert: Brass, Nickel Plate |                                                                                     |             | OUTSIDE | INSIDE | SHAFT<br>(DIA.) | D<br>(DIA.) | H<br>(HEIGHT) | I.D.<br>(DIA.) | C<br>(C'BORE DEPTH) |
|                                              |  | 8570        | Black   | Yellow | .250 (6.4)      | .610 (15.5) | .550 (14.0)   | .430 (10.9)    | .090 (2.3)          |
|                                                                                                                                 |                                                                                     | 8571        | Black   | Red    |                 |             |               |                |                     |
|                                                                                                                                 |                                                                                     | 8572        | Black   | Gray   |                 |             |               |                |                     |
|                                                                                                                                 |                                                                                     | 8573        | Black   | Black  |                 |             |               |                |                     |