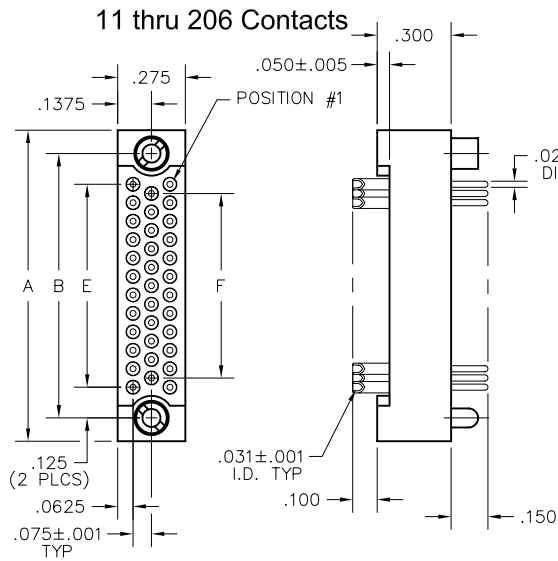


# 3 • ROW

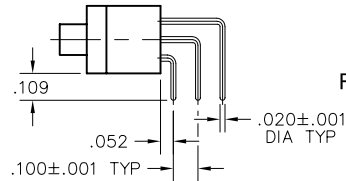
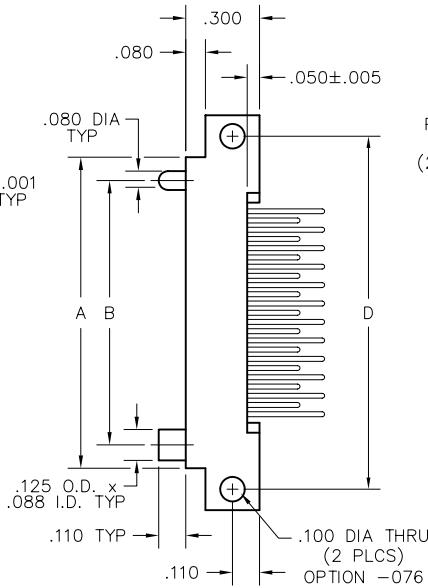
## Motherboard or Chassis to Daughterboard

.075"

**RM3**

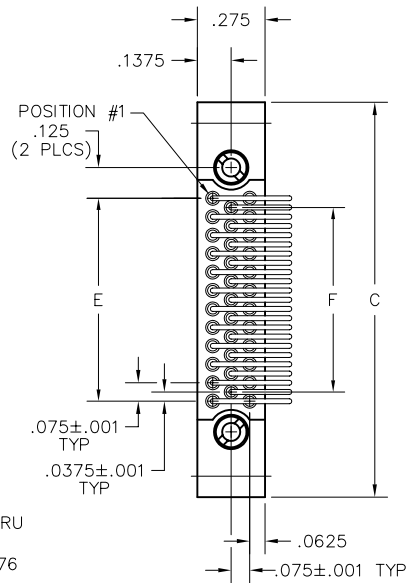


PLUG



RECEPTACLE

RM362-035-441-5500-076



| DIMENSIONS |       |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|-------|
| SIZE       | A     | B     | C     | D     | E     | F     |
| 11         | .665  | .475  | 1.005 | .835  | .225  | .150  |
| 23         | .965  | .775  | 1.305 | 1.135 | .525  | .450  |
| 35         | 1.265 | 1.075 | 1.605 | 1.435 | .825  | .750  |
| 47         | 1.565 | 1.375 | 1.905 | 1.735 | 1.125 | 1.050 |
| 59         | 1.865 | 1.675 | 2.205 | 2.035 | 1.425 | 1.350 |
| 71         | 2.165 | 1.975 | 2.505 | 2.335 | 1.725 | 1.650 |
| 80         | 2.390 | 2.200 | 2.730 | 2.560 | 1.950 | 1.875 |
| 92         | 2.690 | 2.500 | 3.030 | 2.860 | 2.250 | 2.175 |
| 104        | 2.990 | 2.800 | 3.330 | 3.160 | 2.550 | 2.475 |
| 122        | 3.440 | 3.250 | 3.780 | 3.610 | 3.000 | 2.925 |
| 140        | 3.890 | 3.700 | 4.230 | 4.060 | 3.450 | 3.375 |
| 152        | 4.190 | 4.000 | 4.530 | 4.360 | 3.750 | 3.675 |
| 182        | 4.940 | 4.750 | 5.280 | 5.110 | 4.500 | 4.425 |
| 206        | 5.540 | 5.350 | 5.880 | 5.710 | 5.100 | 5.025 |

**PLUG:** RM332-035- 111-5500  
**RECEPTACLE:** RM362-035- 441-5500-076  
 XXXXX-XXX-XXX-XXXX-XXX

## PLUG

## RECEPTACLE

| SERIES                              |                                     |
|-------------------------------------|-------------------------------------|
| RM .075" Screw Machine PC Connector | RM .075" Screw Machine PC Connector |

| BODY    |         |
|---------|---------|
| 3 3-Row | 3 3-Row |

|                                         |                                                  |
|-----------------------------------------|--------------------------------------------------|
| BODY STYLE:                             | BODY STYLE:                                      |
| 1 Plug, straight, with mounting ears    | 6 Receptacle, right angle, with mounting ears    |
| 3 Plug, straight, without mounting ears | 8 Receptacle, right angle, without mounting ears |

|                               |                               |
|-------------------------------|-------------------------------|
| BODY MATERIAL:                | BODY MATERIAL:                |
| 2 Polyphenylene sulfide (PPS) | 2 Polyphenylene sulfide (PPS) |

| SIZE                                                                 |                                                                      |
|----------------------------------------------------------------------|----------------------------------------------------------------------|
| 011, 023, 035, 047, 059, 071, 080, 092, 104, 122, 140, 152, 182, 206 | 011, 023, 035, 047, 059, 071, 080, 092, 104, 122, 140, 152, 182, 206 |

| CONTACTS                                        |                                                       |
|-------------------------------------------------|-------------------------------------------------------|
| TYPE CONTACTS/TERMINATIONS:                     | TYPE CONTACTS/TERMINATIONS:                           |
| 10 Pin, straight, dip solder, .109" x .020" dia | 44 Socket, right angle, dip solder, .109" x .020" dia |
| 11 Pin, straight, solder cup                    | 45 Socket, right angle, dip solder, .140" x .020" dia |
| 12 Pin, straight, dip solder, .140" x .020" dia | 46 Socket, right angle, dip solder, .172" x .020" dia |
| 13 Pin, straight, dip solder, .172" x .020" dia | 47 Socket, right angle, dip solder, .250" x .020" dia |
| 14 Pin, straight, dip solder, .250" x .020" dia |                                                       |
| 15 Pin, straight, flex, .093" x .017 dia        |                                                       |

|                                                                                                    |                                                                          |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| PLATING OPTIONS:                                                                                   | PLATING OPTIONS:                                                         |
| 1 Gold plated termination                                                                          | 1 Gold plated termination                                                |
| 2 Pre-tinned termination, SnPb alloy (dip solder options only) <input checked="" type="checkbox"/> | 2 Pre-tinned termination, SnPb alloy <input checked="" type="checkbox"/> |
| 3 Pre-tinned termination, SAC305 alloy (dip solder options only)                                   | 3 Pre-tinned termination, SAC305 alloy                                   |

| HARDWARE                                                |                                                         |
|---------------------------------------------------------|---------------------------------------------------------|
| STYLE OF HARDWARE:<br>(See R-41 & R-42 for all options) | STYLE OF HARDWARE:<br>(See R-41 & R-42 for all options) |
| 0256 None                                               | 0256 None                                               |
| 55 Guide set                                            | 55 Guide set                                            |
| 57 Two guide pins                                       | 57 Two guide pins                                       |
| 58 Two guide sockets                                    | 58 Two guide sockets                                    |
| 29 Fixed jackset                                        | 29 Fixed jackset                                        |
| 30 Fixed jackset, reversed                              | 30 Fixed jackset, reversed                              |
| 19 Two fixed jackscrews                                 | 19 Two fixed jackscrews                                 |
| 20 Two fixed jackscrews                                 | 20 Two fixed jackscrews                                 |
| 59 Hex turning jackset, .200"                           | 59 Hex turning jackset, .200"                           |
| 60 Hex turning jackset, reversed, .200"                 | 60 Hex turning jackset, reversed, .200"                 |
| 61 Two hex turning jackscrews, .200"                    | 61 Two hex turning jackscrews, .200"                    |
| 62 Two hex turning jackscrews, .200"                    | 62 Two hex turning jackscrews, .200"                    |
| 64 Turning jackset, .490"                               | 64 Turning jackset, .490"                               |
| 65 Turning jackset, reversed, .490"                     | 65 Turning jackset, reversed, .490"                     |
| 66 Two turning jackscrews, .490"                        | 66 Two turning jackscrews, .490"                        |
| 67 Two turning jackscrews, .490"                        | 67 Two turning jackscrews, .490"                        |

|                                                                           |                                                                           |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
| POLARIZATION:                                                             | POLARIZATION                                                              |
| 00 None                                                                   | 00 None                                                                   |
| 01 thru 68 are special identifiers, see R-38                              | 01 thru 68 are special identifiers, see R-38                              |
| 70 Same configuration as 01 without Loctite®<br>(To be keyed by customer) | 70 Same configuration as 01 without Loctite®<br>(To be keyed by customer) |

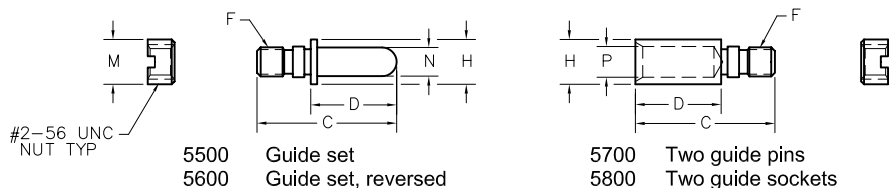
| OPTIONS |                                                   |
|---------|---------------------------------------------------|
|         | 076 PWB mounting holes, .100" dia (cross drilled) |

☒ = Option not RoHS compliant

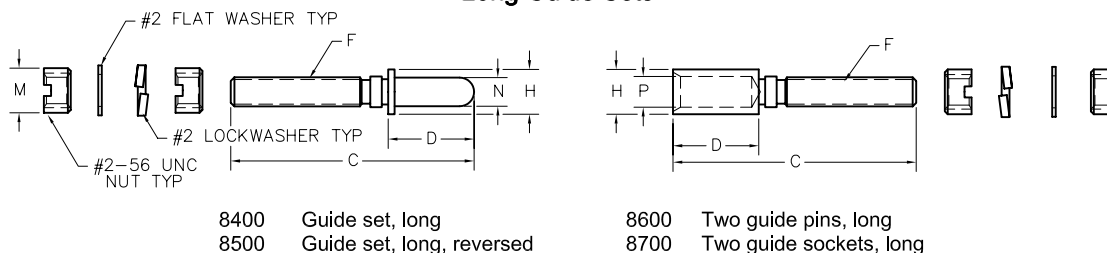
**Ask About AirBorn's Accelerated Delivery Service**

## Guide Sets

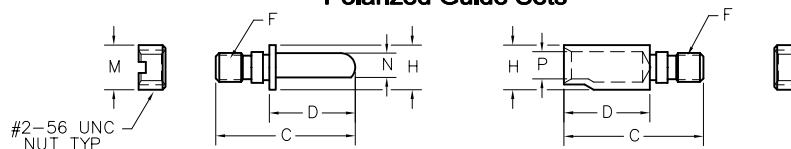
### Guide Sets



### Long Guide Sets

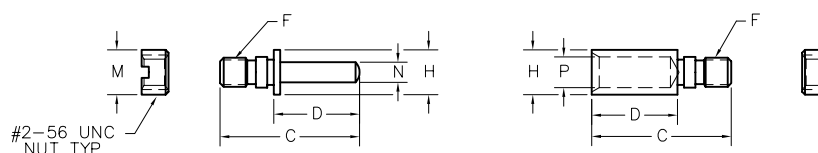


### Polarized Guide Sets



Note: For polarization options, see page R-38.

### Universal Test Guide Sets



Note: For polarization options, see page R-38.

| DIMENSIONS          |      |      |      |                         |                      |             |          |          |          |          |          |
|---------------------|------|------|------|-------------------------|----------------------|-------------|----------|----------|----------|----------|----------|
| HARDWARE TYPE       | A    | C    | D    | E                       | F                    | H           | K        | L        | M        | N        | P        |
| 1900/2000/2900/3000 | —    | .390 | .240 | —                       | #2-56<br>UNC<br>TH'D | .125<br>DIA | —        | —        | .125 DIA | —        | —        |
| 5100 THRU 5400      | .700 | .750 |      | .031 x .031<br>SLOT     |                      |             | .125 DIA | .156 DIA | —        | —        | —        |
| 5500 THRU 5800      | —    | —    |      | —                       |                      |             | —        | —        | —        | .080 DIA | .088 DIA |
| 5501 THRU 5564      | —    | .390 |      | —                       |                      |             | —        | —        | .125 DIA | .068     | .076     |
| 5565 THRU 5568      | —    | —    |      | —                       |                      |             | —        | —        | —        | .056 SQ  | .088 DIA |
| 5900 THRU 6200      | .200 | .500 |      | 5/64 INT HEX            |                      |             | —        | .140 DIA | —        | —        | —        |
| 6400 THRU 6700      | .490 | .750 |      | .031 x .031<br>SLOT     |                      |             | .125 DIA | .156 DIA | —        | —        | —        |
| 6800 THRU 7100      | .545 |      |      | —                       |                      |             |          |          | —        | —        |          |
| 7200 THRU 7500      | .490 |      |      | 5/64<br>INTERNAL<br>HEX |                      |             |          |          | —        | —        | —        |
| 7600 THRU 7900      | .545 |      |      | —                       |                      |             |          |          | —        | —        |          |
| 8000 THRU 8300      | .700 |      |      | —                       |                      |             |          |          | —        | —        |          |
| 8400 THRU 8700      | —    |      |      | .680                    |                      |             |          |          | —        | —        | —        |
| 8800 THRU 9100      | —    | —    |      |                         |                      |             | —        | —        | —        | —        | —        |

### Hardware Only

| HARDWARE TYPE | PART NUMBER                     |
|---------------|---------------------------------|
| 5500 or 5600  | RM000-000-000-5500 (or -5600)   |
| 5501 - 5532   | RM000-000-000-5501 (thru -5532) |
| 5533 - 5548   | RM000-000-000-5533 (thru -5548) |
| 5549 - 5564   | RM000-000-000-5549 (thru -5564) |
| 5565 or 5566  | RM000-000-000-5565 (or -5566)   |
| 5568          | RM000-000-000-5568              |
| 5567          | RM000-000-000-5567              |

| HARDWARE TYPE | PART NUMBER                   |
|---------------|-------------------------------|
| 5570          | RM000-000-000-5570            |
| 5700          | RM000-000-000-5700            |
| 5800          | RM000-000-000-5800            |
| 8400 or 8500  | RM000-000-000-8400 (or -8500) |
| 8600          | RM000-000-000-8600            |
| 8700          | RM000-000-000-8700            |

To order connector without hardware, place "-0256" in hardware designation area of catalog number

Example: RM322-152-221-0256