

Technical drawing of the 16 HEX connector, showing three views with dimensions in inches [millimeters]:

- Side View (Top):** Shows the profile of the connector. Dimensions include a total length of 15.50 [611], a mounting hole diameter of 1.50 [.059], a hole offset of 1.00 [.434], a total width of 32.50 [1,281], and a mounting hole diameter of 1.00 [.433]. The thread specification is 1/2-28UNEF-2A.
- End View (Middle):** Shows the circular end face with 16 hexagonal pins. Dimensions include an outer diameter of  $\phi 16.00$  [ $\phi 630$ ] and an inner diameter of  $\phi 13.00$  [ $\phi .512$ ].
- Mounting View (Bottom):** Shows the recommended mounting hole. Dimensions include a hole diameter of 12.10 [.477] and a hole offset of 13.00 [.512].

|                                                                                                                                        |  |                            |  |   |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|--|---|--|--|--|--|--|
| <div>Amphenol Connex</div>                                                                                                             |  |                            |  |   |  |  |  |  |  |
| <div>PART DESCRIPTION</div> <div>BNC FEMALE TO FEMALE BULKHEAD ADAPTER (75ohm)</div>                                                   |  |                            |  |   |  |  |  |  |  |
| <div>DWG. NO. 112438</div> <div>REV. NC</div> <div>SIZE A</div> <div>SCALE NA</div>                                                    |  |                            |  |   |  |  |  |  |  |
| APPROVALS                                                                                                                              |  | DATE                       |  |   |  |  |  |  |  |
| DRAWN G.R.S.                                                                                                                           |  | 01/22/04                   |  |   |  |  |  |  |  |
| CHECKED                                                                                                                                |  |                            |  |   |  |  |  |  |  |
| ISSUED                                                                                                                                 |  |                            |  |   |  |  |  |  |  |
| UNLESS OTHERWISE SPECIFIED TOLERANCES FOR MILLINETS ARE:<br>0.5 - 8mm ± 0.20mm<br>8 - 30mm ± 0.40mm<br>30 - 120mm ± 0.50mm             |  |                            |  |   |  |  |  |  |  |
| UNLESS OTHERWISE SPECIFIED TOLERANCES FOR INCHES ARE:<br>.020 - .315 = ± 0.007"<br>.315 - 1.180 = ± 0.015"<br>1.180 - 4.724 = ± 0.020" |  |                            |  |   |  |  |  |  |  |
| DO NOT SCALE DRAWING                                                                                                                   |  | CAD FILE C:/112/112438.DWG |  |   |  |  |  |  |  |
| QTY                                                                                                                                    |  |                            |  |   |  |  |  |  |  |
| FINISH                                                                                                                                 |  |                            |  |   |  |  |  |  |  |
| MATERIAL                                                                                                                               |  |                            |  |   |  |  |  |  |  |
| DESCRIPTION                                                                                                                            |  |                            |  |   |  |  |  |  |  |
| BODY                                                                                                                                   |  | NICKEL                     |  | 1 |  |  |  |  |  |
| INSULATOR                                                                                                                              |  | NATURAL                    |  | 1 |  |  |  |  |  |
| CONTACT PIN                                                                                                                            |  | GOLD                       |  | 1 |  |  |  |  |  |
| LOCK WASHER                                                                                                                            |  | NICKEL                     |  | 1 |  |  |  |  |  |
| BRASS                                                                                                                                  |  |                            |  | 5 |  |  |  |  |  |
| HEX NUT                                                                                                                                |  | NICKEL                     |  | 6 |  |  |  |  |  |
|                                                                                                                                        |  |                            |  | 7 |  |  |  |  |  |
|                                                                                                                                        |  |                            |  | 8 |  |  |  |  |  |
|                                                                                                                                        |  |                            |  | 9 |  |  |  |  |  |