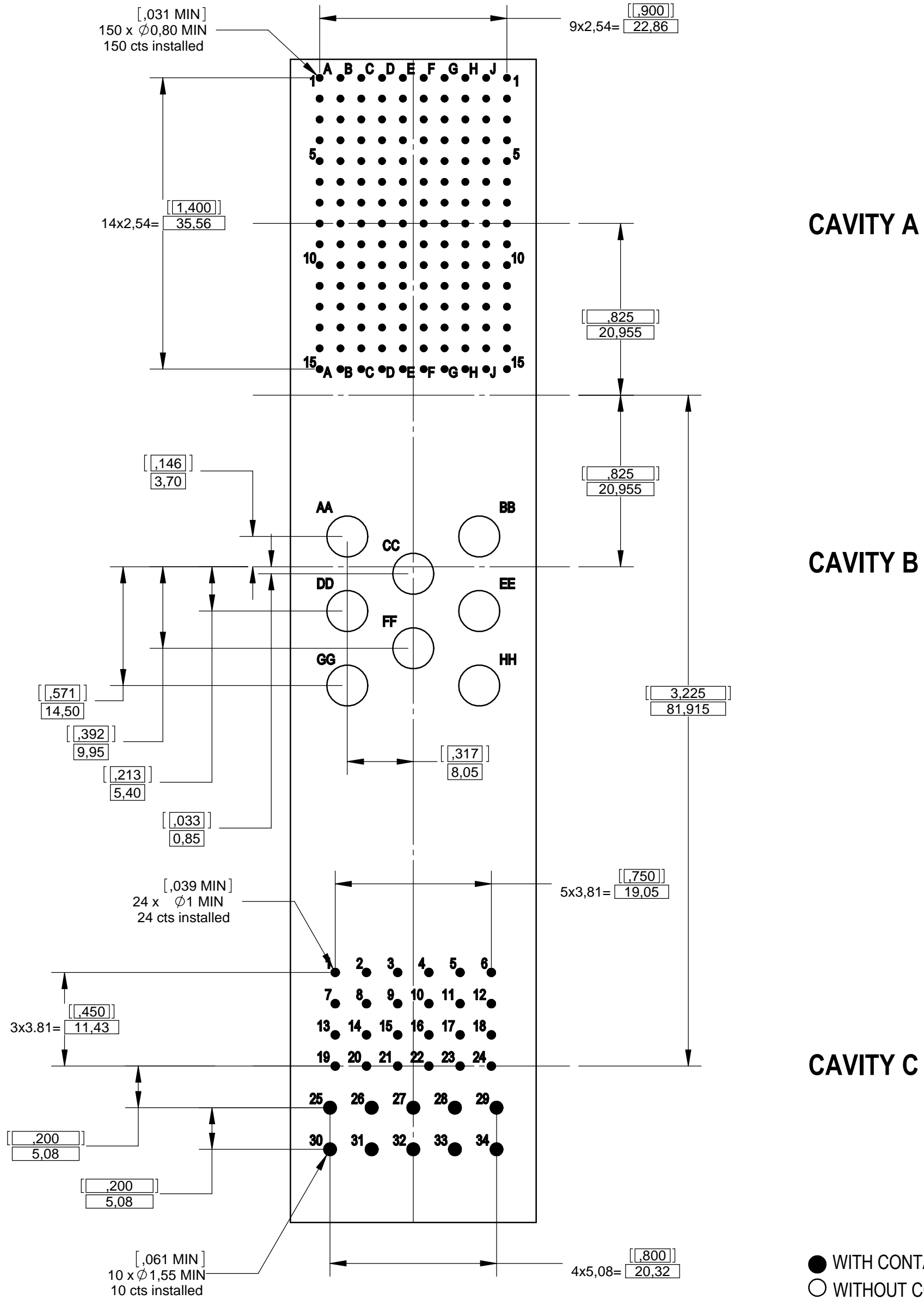




**RECOMMENDED  
PC DRILL PATTERN  
(CONNECTOR SIDE)**



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**MATERIAL:**

- SHELL : DIE CAST ALUMINUM ALLOY PER SAE AMS-QQ-A-591
- INSERT RETENTION PLATES : ALUMINUM ALLOY PER SAE AMS-QQ-A-250
- POLARIZING RETENTION PLATE : ALUMINUM ALLOY PER SAE AMS-QQ-A-250
- POLARIZING KEYS : ZINC ALLOY PER ASTM B 86
- 150 AND 34 INSERTS : REINFORCED EPOXY RESIN PER ASTM D 5948 OR HIGH GRADE THERMOPLASTIC
- 20F12Q8 INSERT : ALUMINUM ALLOY PER SAE AMS-QQ-A-250
- CONTACT RETENTION CLIPS : BERYLLIUM COPPER PER ASTM B 194
- CONTACTS :
  - BODY : LEADED NICKEL COPPER
  - BODY : BRASS PER ASTM B 16 OR ASTM B 453 OR EN 12164
  - PROTECTIVE SLEEVE : STAINLESS STEEL PER SAE AMS-5514
- COVER : THERMOPLASTIC CONDUCTIVE ELASTOMER
- SCREWS AND WASHERS : CORROSION RESISTANT MATERIAL

**FINISH:**

- SHELL : CHROMATATION PER MIL-DTL-5541, CLASS 3
- INSERT RETENTION PLATES : ELECTROLESS NICKEL PER SAE AMS-2404
- POLARIZING RETENTION PLATE : ANODIC OXYDATION PER MIL-A-8625 CLASS 2 TYPE IIB
- POLARIZING KEYS : ELECTROLESS NICKEL PER SAE AMS-2404
- 20F12Q8 METALIC INSERT : ELECTROLESS NICKEL PER SAE AMS-2404
- CONTACT BODY : PLATING .00005 INCH OF GOLD PER MIL-DTL-45204 OVER NICKEL PER AMS 2403
- CONTACT PROTECTIVE SLEEVE : PASSIVATED

**NOTES:**

- INSERT LAYOUT :
  - CAVITY A : 150 FOR FRONT RELEASE, FRONT REMOVABLE SIGNAL CONTACTS
  - CAVITY B : 20F12Q8 FOR FRONT RELEASE, FRONT REMOAVLE COAX, TRIAX OR QUADRAX CONTACTS AND REAR RELEASE, REAR REMOVABLE LuxCis OPTICAL CONTACTS
  - SIZE 8 CAVITIES ARE GROUNDED TO THE SHELL
  - CAVITY C : 34 FOR FRONT RELEASE, FRONT REMOVABLE POWER CONTACTS
- CONNECTOR SUPPLIED WITH:
  - 150 SIZE 22 FRONT RELEASE, FRONT REMOVABLE PC POST SOCKET CONTACTS P/N : 620361 (INSTALLED)
  - 24 SIZE 20 FRONT RELEASE, FRONT REMOVABLE PC POST PIN CONTACTS P/N : 620214010 (INSTALLED)
  - 10 SIZE 16 FRONT RELEASE, FRONT REMOVABLE PC POST PIN CONTACTS P/N : 620234004 (INSTALLED)
- COVER P/N : 620 995 015 & 620 995 016 (INSTALLED)
- MARKING: CONNECTOR AND PACKAGING MUST BE MARKED WITH : NSXG2R826Y10\*\* + DATE CODE

**CAUTION :**  
**IN ORDER TO MEET THE CORRECT PERFORMANCE OF THIS PRODUCT, RADIALL STRONGLY ADVISES AGAINST MANUAL MATING AND UNMATING OPERATIONS**

**ARINC 600 CONNECTOR MATING FORCE VARIES ACCORDING TO THE LAYOUT USED (SHELL AND INSERTS CONFIGURATIONS). PLEASE CONSULT FACTORY IF MORE DETAILED INFORMATION RELATED TO CONNECTOR MATING FORCE IS REQUIRED.**

**Refer to LuxCis maintenance document 503 085 90 section advices and recommandation before starting to use this product.**

**Mounting of sleeve holder on insert with locking torque : 0,25 N.m ±5% (2.215 ±5% Lbf.in)**

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