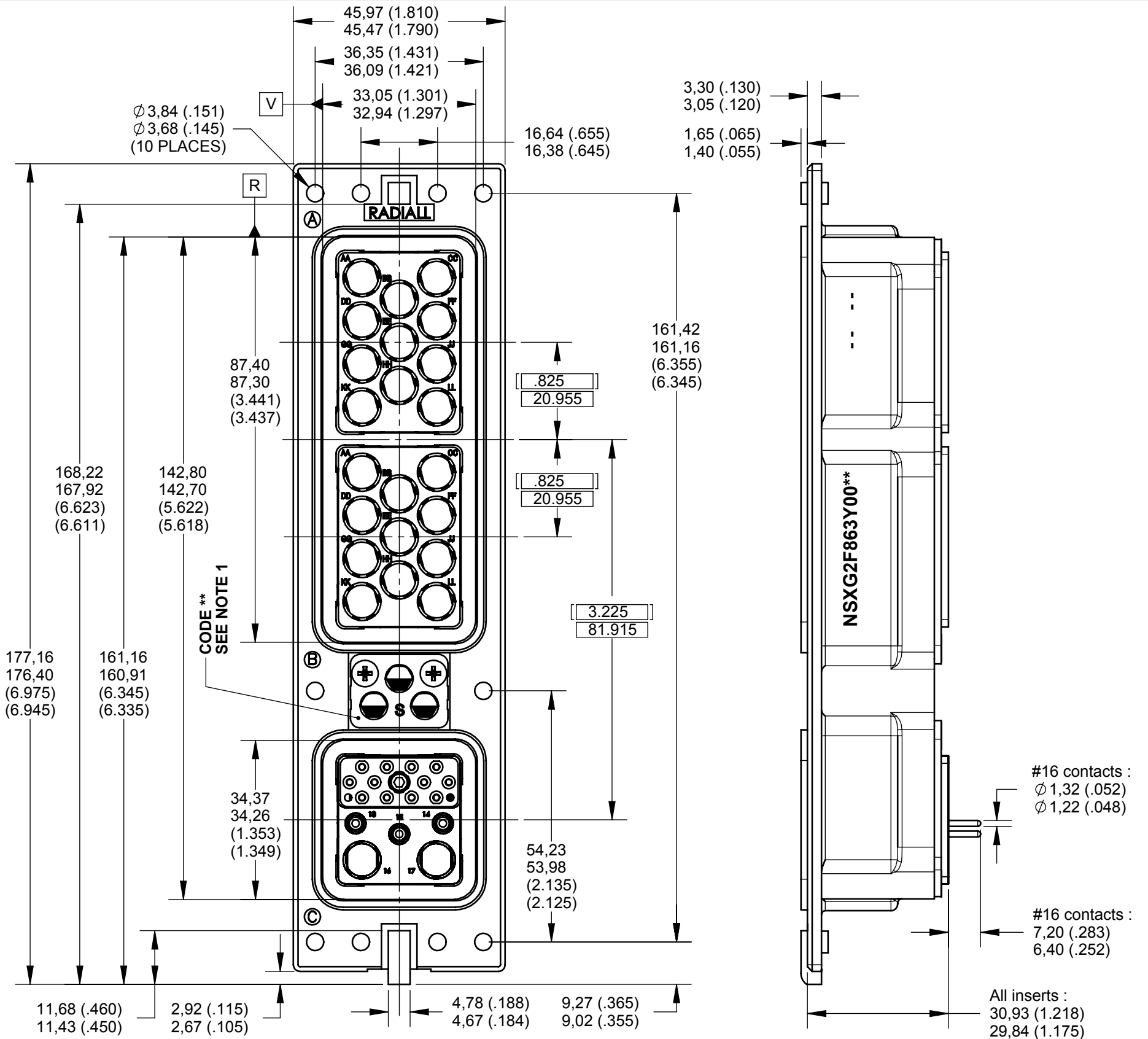


Series
NSX

NONENVIRONMENTAL SIZE 2 RECEPTACLE CONNECTOR

Issue :
Nov. 22, 2010

Page :
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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.

NOTE 1 :
** REPRESENTS THE POLARIZATION CODE AND IS CONFORM WITH ARINC 600 POLARIZATION POSITION
WITHOUT POLARIZATION CODE, THE CONNECTOR IS DELIVERED WITH POLARIZATION HARDWARE UNASSEMBLED
CODE 00 : THE CONNECTOR IS DELIVERED WITHOUT POLARIZING KEY

DIMENSIONS : mm (inch are given for information only)

This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary.

4112_9311

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|---|-------|-----------|------|----------|
| CREATION PEN: / NOM: LEGENDRE T. DATE: Nov. 22, 2010 APPR.: BROCHET L. | | | | |
| | Issue | Revisions | Name | Approved |
| | | | | |
| | | | | |
| | | | | |

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
- INSERTS : ALUMINUM ALLOY PER SAE AMS-QQ-A-250
- CONTACT RETENTION CLIPS : BERYLLIUM COPPER PER ASTM B 194
- CONTACTS :
 - BODY : BRASS PER ASTM B 16 OR ASTM B 453 OR EN 12164
- COVER : THERMOPLASTIC CONDUCTIVE ELASTOMER
- SCREWS AND WASHERS : CORROSION RESISTANT MATERIAL

FINISH:

- SHELL : ELECTROLESS NICKEL PER SAE AMS-2404
- INSERT RETENTION PLATES : ELECTROLESS NICKEL PER SAE AMS-2404
- POLARIZING RETENTION PLATE : ELECTROLESS NICKEL PER SAE AMS-2404
- POLARIZING KEYS : ELECTROLESS NICKEL PER SAE AMS-2404
- METALIC INSERTS : ELECTROLESS NICKEL PER SAE AMS-2404
- CONTACT BODY : PLATING .00005 INCH OF GOLD PER SAE AMS-2422 OVER NICKEL PER AMS 2403

NOTES:

- INSERT LAYOUT :
 - CAVITY A : Q11 FOR FRONT RELEASE, FRONT REMOVABLE COAX, TRIAX OR QUADRAX CONTACTS
SIZE 8 CAVITIES ARE GROUNDED TO THE SHELL
 - CAVITY B : Q11 FOR FRONT RELEASE, FRONT REMOVABLE COAX, TRIAX OR QUADRAX CONTACTS
SIZE 8 CAVITIES ARE GROUNDED TO THE SHELL
 - CAVITY C : 17F12Q2 FOR FRONT RELEASE, FRONT REMOVABLE POWER AND COAX, TRIAX OR QUADRAX CONTACTS AND
REAR RELEASE, REAR REMOVABLE LuxCis OPTICAL CONTACTS
SIZE 8 CAVITIES ARE GROUNDED TO THE SHELL
- CONNECTOR SUPPLIED WITH:
 - 3 SIZE 16 FRONT RELEASE, FRONT REMOVABLE PC POST PIN CONTACTS P/N : 620 234 004 (INSTALLED)
 - COVER P/N : 620 995 015 & 620 995 016 (INSTALLED)
- MARKING: CONNECTOR AND PACKAGING MUST BE MARKED WITH : NSXG2F863Y00** + DATE CODE
(CODE ** : SEE NOTE 1 PAGE 1)

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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