

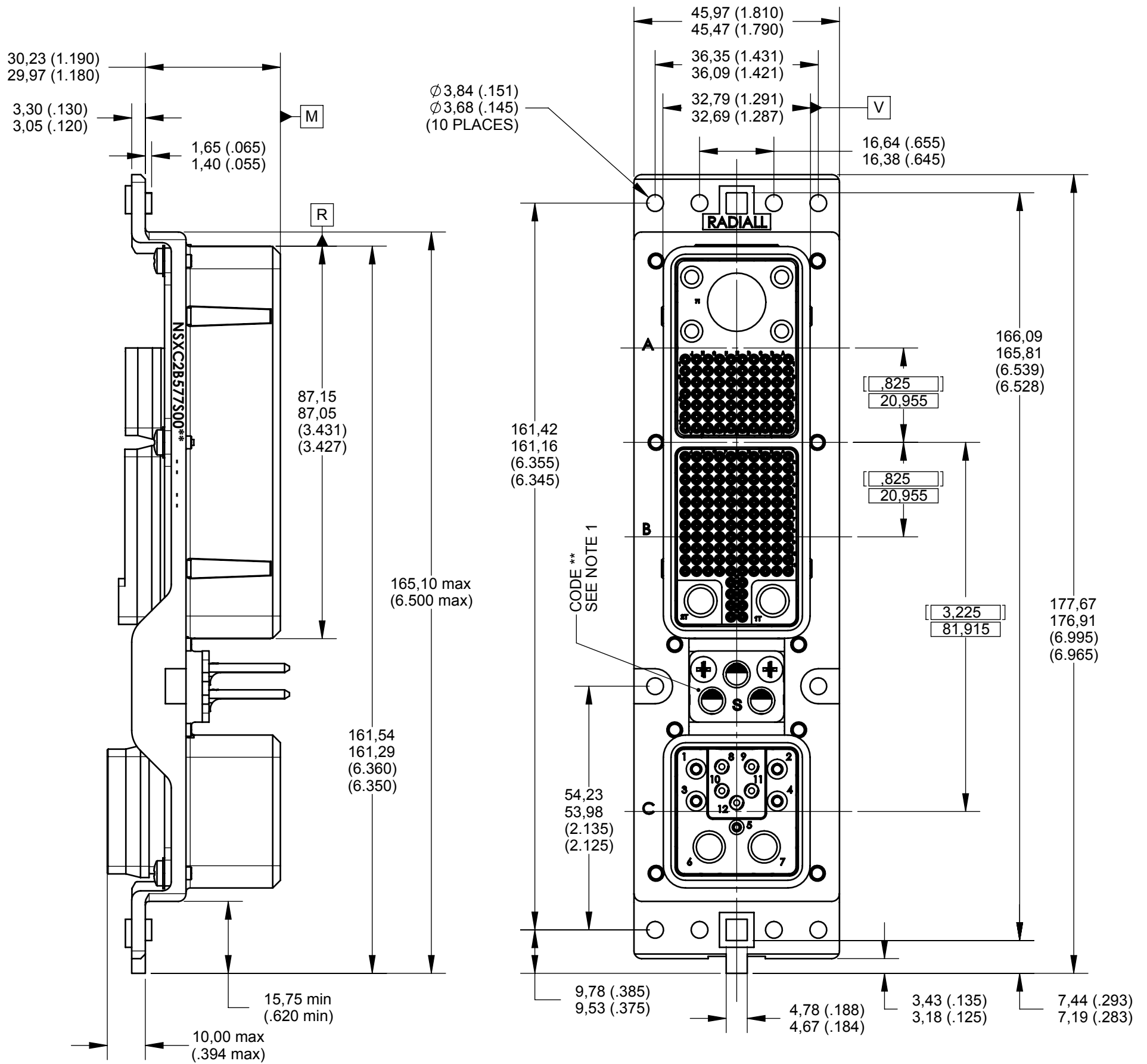
Series  
NSX

NON ENVIRONMENTAL SIZE 2 PLUG CONNECTOR  
1C71 - 118Q2 - 12F5C2 INSERTS

Issue:  
July 30, 2015

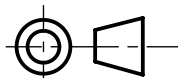
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NOTE 1:  
\*\* REPRESENTS THE POLARIZATION CODE AND IS CONFORM WITH ARINC 600 POLARIZATION POSITION  
WITHOUT POLARIZATION CODE, THE CONNECTOR IS DELIVERED WITH POLARIZATION HARDWARE UNASSEMBLED  
CODE 00 : THE CONNECTOR IS DELIVERED WITHOUT POLARIZING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

DIMENSIONS : mm (inch are given for information only)



Estimated weight : 269 g

CREATION				
PEN: /				
NOM: Ramos D.				
DATE: July 30, 2015				
APPR.: Zuniga F.				
Issue	Revisions	Name	Approved	

NSXC2B577S00XXEN

RADIALL PROPRIETARY INFORMATION

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**MATERIAL :**

- SHELL : DIE CAST ALUMINUM ALLOY PER SAE AMS-QQ-A-591
- INSERT RETENTION PLATES : ALUMINUM ALLOY PER ASTM B 209
- POLARIZING RETENTION PLATE : ALUMINUM ALLOY PER SAE AMS-QQ-A-250
- POLARIZING POST : ZINC ALLOY PER ASTM B 86
- INSERTS : REINFORCED EPOXY RESIN PER ASTM D 5948 OR HIGH GRADE THERMOPLASTIC
- 118Q2 GROUNDING PLATES : BERYLLIUM COPPER PER ASTM B 194
- GROMMETS : FLUOROSILICONE PER SAE AMS-R-25988
- CONTACT RETENTION CLIPS : BERYLLIUM COPPER PER ASTM B 194
- CONTACTS :
  - BODY : BERYLLIUM COPPER PER ASTM B 196 AND LEADED NICKEL COPPER
  - PROTECTIVE SLEEVE : STAINLESS STEEL PER SAE AMS-5514
- COVER : THERMOPLASTIC 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 POST : ELECTROLESS NICKEL PER SAE AMS-2404
- 118Q2 GROUNDING PLATES : GOLD PER SAE AMS-2422 OVER NICKEL PER AMS 2403
- 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 : 1C71 FOR REAR RELEASE, REAR REMOVABLE SIGNAL CONTACTS AND FRONT RELEASE, REAR REMOVABLE COAX CONTACT
  - CAVITY B : 118Q2 FOR REAR RELEASE, REAR REMOVABLE SIGNAL AND COAX, TRIAX OR QUADRAX CONTACTS  
SIZE 8 CAVITIES ARE GROUNDED TO THE SHELL
  - CAVITY C : 12F5C2 FOR REAR RELEASE, REAR REMOVABLE POWER AND COAX CONTACTS AND REAR RELEASE, REAR REMOVABLE LuxCis OPTICAL CONTACTS
- CONNECTOR SUPPLIED WITH :
  - 188 SIZE 22 REAR RELEASE, REAR REMOVABLE CRIMP PIN CONTACTS P/N : 620200 (UNINSTALLED)
  - 1 SIZE 16 REAR RELEASE, REAR REMOVABLE CRIMP SOCKET CONTACTS P/N : 620330 (UNINSTALLED)
  - 4 SIZE 12 REAR RELEASE, REAR REMOVABLE CRIMP SOCKET CONTACTS P/N : 620340 (UNINSTALLED)
- COVER P/N : 620995005 & 620995006 (INSTALLED)
- MARKING : CONNECTOR AND PACKAGING MUST BE MARKED WITH : NSXC2B577S00\*\* + DATE CODE  
(CODE \*\* : SEE NOTE 1 PAGE 1)

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

**Refer to LuxCis maintenance document 503 08 590 section "Advices / recommendations" before starting to use this product.**

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