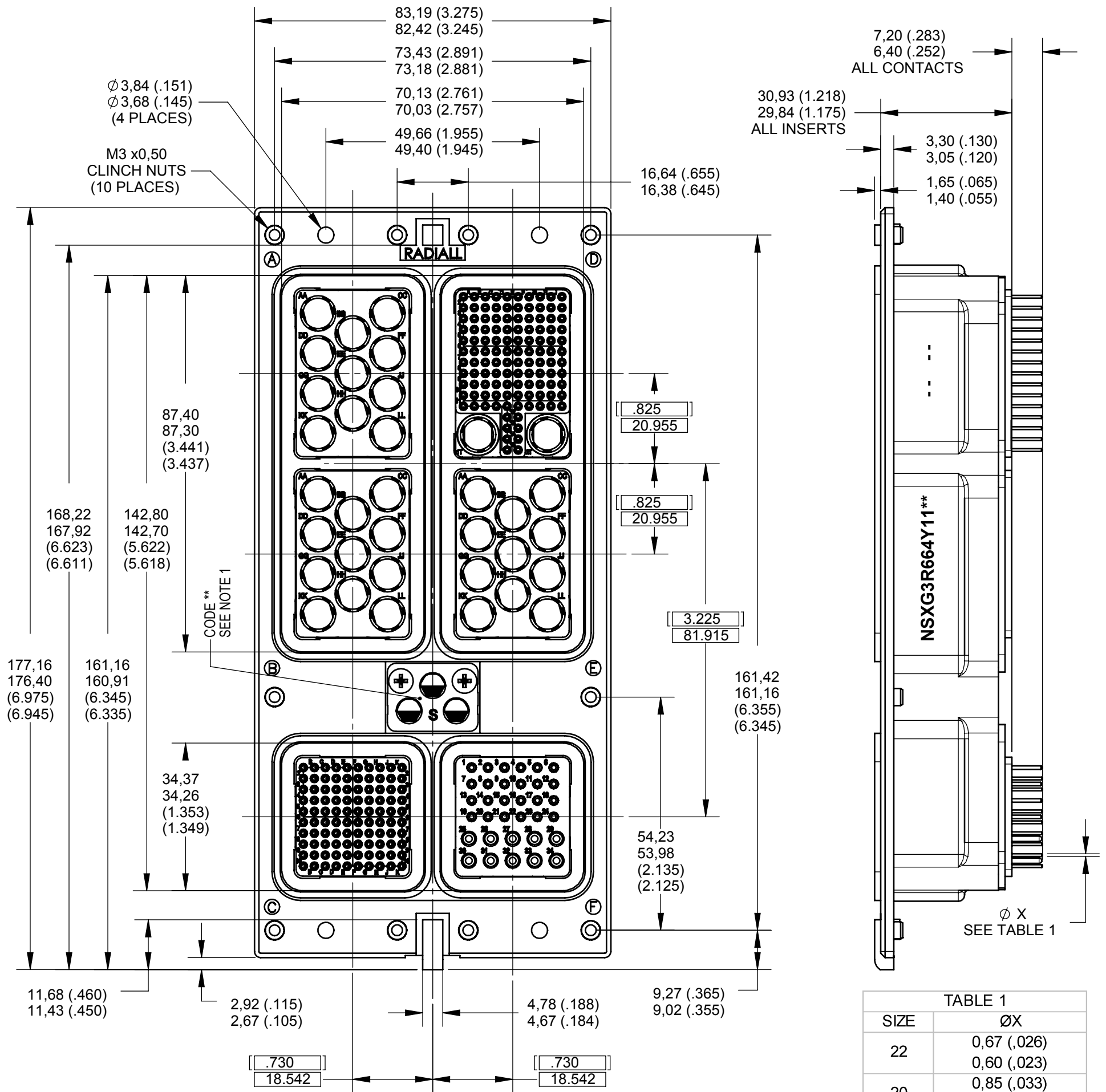


Series  
**NSX**

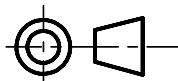
NONENVIRONMENTAL SIZE 3 RECEPTACLE CONNECTOR

Issue:  
January 06, 2011  
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**1/3**



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)

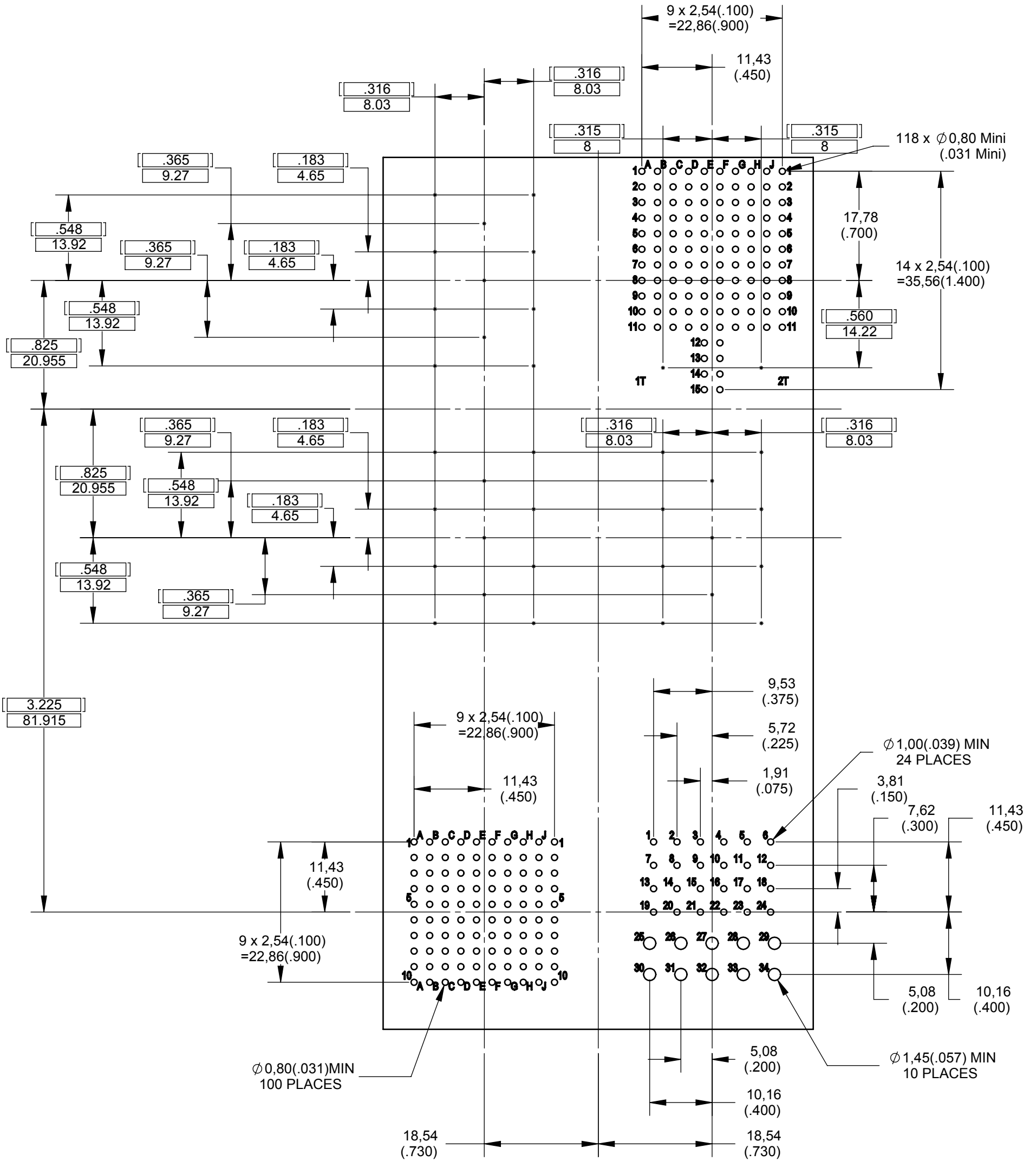


This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary.

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CREATION				
PEN: /				
NOM: MACARI JP.				
DATE: April 29, 2010				
APPR.: BROCHET L.	Jan. 06, 11	Added #8 position on PC DRILL PATTERN (p. 2/3)	Legendre T.	Brochet L.
	Issue	Revisions	Name	Approved

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
- 118Q2, 100 & 34 INSERTS : REINFORCED EPOXY RESIN PER ASTM D 5948 OR HIGH GRADE THERMOPLASTIC
- Q11 INSERTS : ALUMINUM ALLOY PER SAE AMS-QQ-A-250
- CONTACT RETENTION CLIPS : BERYLLIUM COPPER PER ASTM B 194
- CONTACTS :
  - BODY : LEADED NICKEL COPPER (C97) AND 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 CLINCH NUTS : CORROSION RESISTANT MATERIAL

**FINISH:**

- SHELL : CHROMATATION PER MIL-DTL-5541, CLASS 3
- INSERT RETENTION PLATES : BLUE ANODIZED PER MIL-A-8625
- POLARIZING RETENTION PLATE : ANODIC OXYDATION PER MIL-A-8625 CLASS 2 TYPE IIB
- POLARIZING KEYS : ELECTROLESS NICKEL PER SAE AMS-2404
- Q11 INSERTS : ELECTROLESS NICKEL PER SAE AMS-2404
- CONTACT BODY : PLATING .00005 INCH OF GOLD PER SAE AMS-2422 OVER NICKEL PER AMS 2403
- CONTACT PROTECTIVE SLEEVE : PASSIVATED

**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 : 100 FOR FRONT RELEASE, FRONT REMOVABLE SIGNAL AND COAX, TRIAX OR QUADRAX CONTACTS  
SIZE 8 CAVITIES ARE GROUNDED TO THE SHELL
  - CAVITY D : 118Q2 FOR FRONT RELEASE, FRONT REMOVABLE SIGNAL CONTACTS
  - CAVITY E : Q11 FOR FRONT RELEASE, FRONT REMOVABLE COAX, TRIAX OR QUADRAX CONTACTS  
SIZE 8 CAVITIES ARE GROUNDED TO THE SHELL
  - CAVITY F : 34 FOR FRONT RELEASE, FRONT REMOVABLE POWER CONTACTS
- CONNECTOR SUPPLIED WITH:
  - 228 SIZE 22 FRONT RELEASE, FRONT REMOVABLE PC POST SOCKET CONTACTS P/N : 620 361 (INSTALLED)
  - 24 SIZE 20 FRONT RELEASE, FRONT REMOVABLE PC POST PIN CONTACTS P/N : 620 214 010 (INSTALLED)
  - 10 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 : NSXG3R664Y11\*\* + DATE CODE  
(CODE \*\* : SEE NOTE 1 PAGE 1)

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