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**Titre / Title**

**HIGH RELIABILITY**

**RF COAXIAL CONNECTORS**

**LIST OF PART NUMBERS FOR ALL  
DETAIL SPECIFICATIONS**

**RAD-DET-CONN-0XX**

| <b>Rédigé par / Written by</b>     | <b>Responsabilité / Responsibility</b> | <b>Date</b> | <b>Signature</b>  |
|------------------------------------|--|-------------|---|
| S. POIZAT                          | Space Project Manager                  | 07/01/2019  |  |
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**DOCUMENTATION CHANGE NOTICE**

| REVISION OR ISSUE | DATE     | CHANGE  |
|-------------------|----------|---|
| 1 -               | 17/04/07 | First issue   |
| 1 A               | 25/05/07 | Added new references in §13.1 and §17.1                                   |
| 1 B               | 19/06/07 | Added new reference in §3.1   |
| 1 C               | 06/07/07 | Added new reference in §1.1, §2.1, §13.1 and §17.1                        |
| 1 D               | 17/09/07 | Added new reference in § 2.1, §13.1, §17.1                                |
| 1 E               | 14/12/07 | Added new reference in § 2.1  |
| 1 F               | 29/05/08 | Added new reference in § 2.1  |
| 1 G               | 23/06/08 | Added new reference in § 3.1  |
| 1 H               | 22/08/08 | Added new reference in § 2.1  |
| 1 J               | 01/12/08 | Added new reference in § 2.1  |
| 1 K               | 14/01/09 | Added new reference in § 2.1  |
| 1 L               | 11/02/09 | Added new reference in § 2.1 – 6.1  |
| 1 M               | 17/03/09 | Added new reference in § 2.1  |
| 1 N               | 26/05/09 | Added new reference in §13.1  |
| 1 O               | 26/01/10 | Added new reference in § 5.1  |
| 1 P               | 28/09/10 | Added new reference in § 13.1   |
| 1 Q               | 28/09/10 | Added new reference in § 13.1   |
| 1 R               | 24/12/13 | Added new §18 for SMP connectors + add new references for all paragraphs. |
| 1S                | 07/01/19 | Added new references  |
| 1T                | 04/08/22 | Added new references  |



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**1. DETAIL SPECIFICATION FOR SMA MALE CONNECTORS: RAD-DET-CONN-002**

**1.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION  | POWER HANDLING CATEGORY |
|--------------|--|-------------------------|
| R125052000X  | SMA Straight Plug Solder Type Cable 0.085"                             | III                     |
| R125052500X  | SMA Straight Plug Solder Type Cable 0.085" – Removable cap             | III                     |
| R125052509X  | SMA Straight Plug Solder Type Cable 0.085" – Removable cap             | III                     |
| R125053900X  | SMA Straight Plug Crimp Type Cable 0.141"                              | I                       |
| R125055500X  | SMA Straight Plug Solder Type Cable 0.141" – Removable cap             | I                       |
| R125055509X  | SMA Straight Plug Solder Type Cable 0.141" – Removable cap             | I                       |
| R125055702X  | SMA Straight Plug Solder Type Cable 0.141"                             | I                       |
| R125072000X  | SMA Straight Plug Crimp Type Cable 2.6/50                              | III                     |
| R125073500X  | SMA Straight Plug Crimp Type Cable 50CIS 2/50                          | III                     |
| R125153000X  | SMA Right Angle Plug Solder Type Cable 0.085"                          | III                     |
| R125153004X  | SMA Right Angle Plug Solder Type Cable 0.085"                          | III                     |
| R125154010X  | SMA Right Angle Plug Solder Type Cable 0.141"                          | I                       |
| R125172000X  | SMA Right Angle Plug Crimp or Solder Type Cable 2.6/50                 | III                     |
| R125430001X  | SMA Square Flange Plug Receptacle Universal                            | I                       |
| R125430010X  | SMA Square Flange Plug Receptacle Universal Low RF Leakage             | I                       |
| R125430011X  | SMA Square Flange Plug Receptacle Universal Low RF Leakage             | I                       |
| R125431001X  | SMA Square Flange Plug Receptacle Universal With EMI gasket            | II                      |
| R125444001X  | SMA Square Flange Plug Receptacle with cylinder contact –High Temp.    | I                       |
| R125444040X  | SMA Square Flange Plug Receptacle Low RF Leakage, Tab contact          | I                       |
| R125500001X  | SMA Square Flange Plug Receptacle with shoulder tab contact High Temp. | I                       |
| R125557031X  | SMA Plug thread in receptacle for pin 0.5mm – High Temp.               | II                      |
| R125676301X  | SMA Right Angle Square Flange Plug Receptacle For Filter Coaxial       | I                       |
| R125676310X  | SMA Elbow Square Flange Plug Receptacle captive contact                | I                       |
| R125852000X  | SMA Short Circuit Plug   | Not Applicable          |
| R126427104   | SMA Straight receptacle for PCB  | I                       |
| R126791101   | SMA Plug receptacle for circulators/isolators                          | I                       |



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**2. DETAIL SPECIFICATION FOR SMA FEMALE CONNECTORS: RAD-DET-CONN-003**

**2.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION   | POWER HANDLING CATEGORY |
|--------------|---|-------------------------|
| R125222000X  | SMA Straight Jack Solder Type Cable 0.085"  | III                     |
| R125225000X  | SMA Straight Jack Solder Type Cable 0.141"  | III                     |
| R125225009X  | SMA Straight 2 holes Flange Jack Solder Type Cable 0.085"                             | III                     |
| R125225700X  | SMA Straight Jack Solder Type Cable 0.141"  | III                     |
| R125272000X  | SMA Square Flange Jack receptacle for crimp or solder type for cable 2.6/50S          | I                       |
| R125313120X  | SMA Female Straight Bulkhead Mount Flange Braid Only 2.6/50S                          | I                       |
| R125325000X  | SMA Straight Bulkhead Jack Panel Seal Solder Type Cable 0.141"                        | I                       |
| R125325009X  | SMA Straight Bulkhead Jack Panel Seal Solder Type Cable 0.141"                        | I                       |
| R125326000X  | SMA Straight Bulkhead Jack Panel Seal Solder Type Cable 0.085"                        | III                     |
| R125403000X  | SMA Square Flange Jack Receptacle With Solder Pot Contact                             | I                       |
| R125403001X  | SMA Square Flange Jack Receptacle With Solder Pot Contact                             | I                       |
| R125405301X  | SMA Square Flange Jack Receptacle For Coaxial Filter                                  | I                       |
| R125405321X  | SMA Square Flange Jack Receptacle For Coaxial Filter                                  | I                       |
| R125405331X  | SMA Square Flange Jack Receptacle For Coaxial Filter                                  | I                       |
| R125409030X  | SMA Square Flange with High temperature resin   | II                      |
| R125410004X  | SMA Square Flange Jack Receptacle Universal   | I                       |
| R125410110X  | SMA Square Flange Jack receptacle low RF leakage                                      | I                       |
| R125410111X  | SMA Square Flange Jack Receptacle   | I                       |
| R125411000X  | SMA Square Flange Jack Receptacle With EMI Gasket                                     | I                       |
| R125411400X  | SMA Square Flange Jack Receptacle For 0.011 diam With EMI Gasket + Glass Bead         | II                      |
| R125414201X  | SMA Adjustable Square Flange Jack Receptacle With Cylindrical Contact                 | I                       |
| R125414441X  | SMA Adjustable Square Flange Jack Receptacle With Cylindrical Contact                 | I                       |
| R125414451X  | SMA Adjustable Square Flange Jack Receptacle With Cylindrical Contact                 | I                       |
| R125415000X  | SMA Adjustable Square Flange Jack Receptacle With Cylindrical Contact                 | I                       |
| R125415071X  | SMA Adjustable Square Flange Jack Receptacle With Cylindrical Contact                 | I                       |
| R125415091X  | SMA Adjustable Square Flange Jack Receptacle With Cylindrical Contact                 | I                       |
| R125415270X  | SMA Adjustable Square Flange Jack Receptacle With Cylindrical Contact                 | I                       |
| R125415820X  | SMA Adjustable Square Flange Jack Receptacle With Cylindrical Contact                 | I                       |
| R125415850X  | SMA Adjustable Square Flange Jack Receptacle With Cylindrical Contact                 | I                       |
| R125426000X  | SMA Straight Jack Receptacle for PCB Solder Legs                                      | I                       |
| R125451240X  | SMA 2 Holes Flange Jack Receptacle 45° Turn Pin                                       | I                       |
| R125460000X  | SMA Two holes Flange Jack receptacle for 0.93mm                                       | I                       |
| R125462001X  | SMA Two Holes Flange Jack Receptacle with Tab contact                                 | I                       |
| R125465001X  | SMA Two Holes Flange Jack Receptacle With EMI Gasket for 0.3mm Diam                   | II                      |
| R125465581X  | SMA Square Flange - High temperature  | II                      |
| R125501000X  | SMA Square Flange Jack Receptacle for Stripline (Shoulder Tab Contact)                | I                       |
| R125501001X  | SMA Square Flange Jack Receptacle for Stripline (Shoulder Tab Contact)                | I                       |
| R125512000X  | SMA Square Flange Jack Receptacle for Stripline (Shoulder Contact)                    | I                       |
| R12553000X   | SMA Bulkhead Jack Receptacle Rear Mounting With Solder Pot Contact                    | I                       |
| R125556001X  | SMA Bulkhead Jack Receptacle Universal for 0.3mm Axe                                  | II                      |
| R125556021X  | SMA Bulkhead Jack Receptacle Universal for 0.3mm Axe                                  | II                      |
| R125556061X  | SMA Bulkhead Jack Receptacle Universal for 0.3mm Axe                                  | II                      |
| R125560021X  | SMA Screw Jack on Receptacle  | I                       |
| R125560060X  | SMA Bulkhead Jack Receptacle Screw in BulkheadSMA Screw Hermetic Jack Receptacle      | I                       |
| R125605040X  |   | III                     |
| R125609000X  | SMA Screw Hermetic Jack Receptacle With Cylindrical Contact                           | III                     |
| R125609100X  | SMA Screw Hermetic Jack Receptacle With Cylindrical Contact (R125609000X+52451101066) | III                     |
| R125609120X  | SMA Screw Hermetic Jack Receptacle With Cylindrical Contact                           | III                     |
| R125609130X  | SMA Screw Hermetic Jack Receptacle With Cylindrical Contact                           | III                     |
| R125612120X  | SMA Square Flange Jack Receptacle With Tab Contact                                    | I                       |
| R125612140X  | SMA Square Flange Jack Receptacle With Tab Contact – Low RF Leakage                   | I                       |
| R125614061X  | SMA Square Flange Jack Receptacle With Slotted Contact                                | I                       |
| R125617140X  | SMA Two Holes Flange Jack Receptacle Low RF Leakage, Tab Contact                      | I                       |
| R125622000X  | SMA Square Flange Jack Receptacle With Tab Contact                                    | I                       |



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| PART NUMBERS | DESIGNATION   | POWER HANDLING CATEGORY |
|--------------|---|-------------------------|
| R125622000X  | SMA Square Flange Jack Receptacle With Tab Contact                          | I                       |
| R125630140X  | SMA Hermetic Jack Receptacle Solder type                                    | II                      |
| R125650021X  | SMA Right Angle Square Flange Jack Receptacle                               | I                       |
| R125650031X  | SMA Right Angle Square Flange Jack Receptacle                               | I                       |
| R125650041X  | SMA Right Angle Square Flange Jack Receptacle                               | I                       |
| R125650201X  | SMA Right Angle Square Flange Jack Receptacle With Cylindrical Contact      | I                       |
| R125654400X  | SMA Right Angle Square Flange Jack Receptacle With Cylindrical Contact      | I                       |
| R125654450X  | SMA Right Angle Square Flange Jack Receptacle With Cylindrical Contact      | I                       |
| R125670000X  | SMA Right Angle Square Flange Jack Receptacle                               | I                       |
| R125670001X  | SMA Right Angle Square Flange Jack Receptacle                               | I                       |
| R125670100X  | SMA Right Angle Square Flange Jack Receptacle, captive contact – High Temp. | I                       |
| R125680000X  | SMA Right Angle Square Flange Jack Receptacle for PC                        | I                       |
| R126427104   | SMA Straight Jack receptacle for printed circuit board                      | I                       |
| R126454031   | SMA Square Flange Jack receptacle with venting hole                         | I                       |
| R126560404   | SMA Bulkhead receptacle for auxiliary contact                               | I                       |
| R126790101   | SMA receptacle for circulators/isolators                                    | I                       |

**3. DETAIL SPECIFICATION FOR SMA ADAPTORS CONNECTORS: RAD-DET-CONN-004**

**3.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION  | POWER HANDLING CATEGORY |
|--------------|--|-------------------------|
| R125703004X  | SMA Male Male Adapter  | I                       |
| R125704000X  | SMA Male Female Adapter  | I                       |
| R125704001X  | SMA Male Female Adapter  | I                       |
| R125704009X  | SMA Male Female Adapter  | I                       |
| R125704701X  | SMA Male Female Adapter  | I                       |
| R125705001X  | SMA Female Female Adapter  | I                       |
| R125705701X  | SMA Female Female Adapter  | I                       |
| R125720000X  | SMA Female Female Bulkhead Adapter                                 | I                       |
| R125720001X  | SMA Female Female Bulkhead Adapter                                 | I                       |
| R125720121X  | SMA Straight Bulkhead Adaptor Female/Female (DC-22GHz) – High temp | I                       |
| R125753000X  | SMA Female Female Bulkhead Adapter Hermetic                        | II                      |
| R125771000X  | SMA Right Angle Male Female Adapter                                | I                       |
| R125771361X  | SMA Right Angle Male Female Adapter (DC-22GHz)                     | I                       |
| R125780000X  | SMA TEE Female-Female /Male Adapter                                | I                       |
| R125812001X  | SMA Male Protective Cap with Chain                                 | Not Applicable          |

|   |                                  |                       |                        |
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**4. DETAIL SPECIFICATION FOR SMA2.9 MALE CONNECTORS: RAD-DET-CONN-005**

**4.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS  | DESIGNATION   | POWER HANDLING CATEGORY |
|---------------|---|-------------------------|
| R127 800 001X | SMA2.9 Straight Plug, Solder Type, for Microporous Semi-Rigid Cable $\varnothing$ 2.20mm (0.085")                                     | III                     |
| R127 800 101X | SMA2.9 Straight Plug, Solder Type, for Microporous Semi-Rigid Cable $\varnothing$ 3.58mm (0.141")<br>SMA2.9 Male Thread-in Receptacle | I                       |
| R127 844 001X | SMA2.9 Square Flange Plug Receptacle for axis 0.3mm   | III                     |
| R127 845 001X | SMA2.9 Two Holes Flange Plug Receptacle for axis 0.3mm  | III                     |
| R127 846 001X |   | III                     |

**5. DETAIL SPECIFICATION FOR SMA2.9 FEMALE CONNECTORS: RAD-DET-CONN-006**

**5.1 List of part numbers with applicable power Handling Category**


| PART NUMBERS  | DESIGNATION   | POWER HANDLING CATEGORY |
|---------------|---|-------------------------|
| R127 820 001X | SMA2.9 Straight Jack, Solder Type, for Microporous Semi-Rigid Cable $\varnothing$ 2.20mm (0.085") | III                     |
| R127 820 101X | SMA2.9 Straight Jack, Solder Type, for Microporous Semi-Rigid Cable $\varnothing$ 3.58mm (0.141") | I                       |
| R127 840 021X | SMA2.9 Adjustable Square Flange Jack Receptacle with cylindrical contact                          | I                       |
| R127 841 001X | SMA2.9 Screw Jack Receptacle for 0,3 mm dia. Pin  | III                     |
| R127 842 001X | SMA2.9 Square Flange Jack Receptacle for 0.3mm dia. Pin   | III                     |
| R127.843.101X | SMA2.9 Two Holes Flange jack receptacle for 0.3mm dia pin   | III                     |
| R137 840 121  | SMA2.9 Female Straight Square Flange pin  | I                       |
| R137 840 131  | SMA2.9 Female Straight Square Flange pin  | I                       |
| R137 840 141  | SMA2.9 Female Straight Square Flange pin  | I                       |

**6. DETAIL SPECIFICATION FOR SMA2.9 ADAPTORS CONNECTORS: RAD-DET-CONN-007**

**6.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS  | DESIGNATION   | POWER HANDLING CATEGORY |
|---------------|---|-------------------------|
| R127 870 001X | SMA2.9 Straight Female-Female Adapter                 | I                       |
| R127 871 001X | SMA2.9 Straight Male-Male Adapter                     | I                       |
| R127 872 001X | SMA2.9 Straight Male-Female Adapter                   | I                       |
| R127 873 001X | SMA2.9 Female-Female Adapter Square four holes fixing | I                       |
| R127 880 001X | SMA2.9 Right Angle Male Male Adaptor                  | I                       |
| R127 881 001X | SMA2.9 Right Angle Female Female Adaptor              | I                       |
| R127 882 001X | SMA2.9 Right Angle Male Female Adaptor                | I                       |



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**7. DETAIL SPECIFICATION FOR SSMA MALE CONNECTORS: RAD-DET-CONN-009**

**7.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS  | DESIGNATION  | POWER HANDLING CATEGORY |
|---------------|--|-------------------------|
| R121.053.500X | SSMA Plug Solder Type Semi-Rigid Cable .085 Removable Coupling Nut | II                      |
| R121.072.000X | SSMA Straight Plug Crimp Type Cable 2.6/50                         | I                       |
| R121.153.000X | SSMA Right Angle Plug Solder Type S.R. Cable .085                  | II                      |
| R121.153.030X | SSMA Right Angle Plug Solder Type S.R. Cable .085                  | II                      |

**8. DETAIL SPECIFICATION FOR SSMA FEMALE CONNECTORS: RAD-DET-CONN-010**


**8.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS  | DESIGNATION  | POWER HANDLING CATEGORY |
|---------------|--|-------------------------|
| R121.414.003X | SSMA Square flange receptacle                              | III                     |
| R121.414.004X | SSMA Square flange receptacle                              | III                     |
| R121.417.009X | SSMA Square flange receptacle for strip line               | III                     |
| R121.462.001X | SSMA Two holes flange receptacle for strip line            | III                     |
| R121.464.010X | SSMA Two holes flange receptacle for strip line            | III                     |
| R121.602.200X | SSMA Hermetically sealed jack flange receptacle            | I                       |
| R121.630.104X | SSMA Female Straight Solder Mount Hermetic – Not assembled | I                       |
| R121.630.120X | SSMA Female Straight Solder Mount Hermetic - Assembled     | I                       |

**9. DETAIL SPECIFICATION FOR SSMA ADAPTORS CONNECTORS: RAD-DET-CONN-011**

**9.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS  | DESIGNATION               | POWER HANDLING CATEGORY |
|---------------|---------------------------|-------------------------|
| R121.703.000X | SSMA Male-Male Adaptor    | III                     |
| R121.704.000X | SSMA Male- Female Adaptor | III                     |
| R121.704.004X | SSMA Male- Female Adaptor | III                     |

|   |                                  |                       |                         |
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**10. DETAIL SPECIFICATION FOR N ADAPTORS CONNECTORS: RAD-DET-CONN-012**

**10.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION             | POWER HANDLING CATEGORY |
|--------------|-------------------------|-------------------------|
| R163703001X  | N Male Male Adaptor     | I                       |
| R163705001X  | N Female Female Adaptor | I                       |

**11. DETAIL SPECIFICATION FOR SMC MALE CONNECTORS: RAD-DET-CONN-013**

**11.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION                                  | POWER HANDLING CATEGORY |
|--------------|--|-------------------------|
| R112005000X  | SMC Straight plug clamp type, cable 2.6 / 50 | I                       |

**12. DETAIL SPECIFICATION FOR TNC MALE CONNECTORS: RAD-DET-CONN-014**

**12.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION  | POWER HANDLING CATEGORY |
|--------------|--|-------------------------|
| R143051710X  | TNC Straight plug for semi-rigid cable .141                      | I                       |
| R143068234X  | TNC Straight plug for .250 cable microporous                     | IV                      |
| R143068244X  | TNC Straight plug for .250 cable microporous (amagnetic version) | IV                      |
| R143198234X  | TNC Right angle plug for .250 cable microporous                  | IV                      |
| R143443601   | TNC Square Flange plug receptacle high power– venting hole       | IV                      |
| R143446671   | TNC Square Flange plug receptacle high power– venting hole       | IV                      |
| R143446681   | TNC Square Flange plug receptacle high power– venting hole       | IV                      |
| R143449661   | TNC Square Flange plug receptacle high power– venting hole       | V                       |

**13. DETAIL SPECIFICATION FOR TNC FEMALE CONNECTORS: RAD-DET-CONN-015**

**13.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS      | DESIGNATION  | POWER HANDLING CATEGORY |
|-------------------|--|-------------------------|
| R143410600        | TNC Square flange jack receptacle high power   | IV                      |
| R143410610        | TNC Square Flange jack receptacle high power – venting hole  | V                       |
| R143410611        | TNC Square Flange jack receptacle high power – venting hole  | V                       |
| R143410621        | TNC Square Flange jack receptacle high power – venting hole  | V                       |
| R143410631        | TNC Square Flange jack receptacle high power – venting hole  | V                       |
| R143410651        | TNC Square Flange jack receptacle high power – venting hole  | V                       |
| R413610661        | TNC Square Flange jack receptacle high power – venting hole  | V                       |
| R143410670        | TNC Square Flange jack receptacle high power – venting hole  | V                       |
| R143413644        | TNC Square flange jack receptacle high power with venting holes  | V                       |
| R143413691        | TNC Square flange jack receptacle high power (all connectors with a date code lower than 07-32)          | IV                      |
|                   | TNC Square flange jack receptacle high power with venting holes (for connectors from date code of 07-32) | V                       |
| R143413711        | TNC Square Flange Jack receptacle with shoulder pin – high power – venting hole                          | V                       |
| R143413721        | TNC Square Flange Jack receptacle with shoulder pin – high power – venting hole                          | V                       |
| <b>R143413731</b> | <b>TNC Square Flange Jack receptacle high power – venting hole</b>                                       | <b>V (IV)</b>           |
| R143414601        | TNC Square flange jack receptacle high power with venting holes  | V                       |
| R143414614        | TNC Square flange jack receptacle high power with venting holes (Amagnetic type)                         | V                       |
| R143414621        | TNC Square flange jack receptacle high power with venting hole   | V                       |
| R143414631        | TNC Square flange jack receptacle high power with venting hole   | V                       |



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|------------|--|---|
| R143414641 | TNC Square flange jack receptacle high power with venting hole | V |
| R143414661 | TNC Square flange jack receptacle high power with venting hole | V |



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| PART NUMBERS | DESIGNATION   | POWER HANDLING CATEGORY |
|--------------|---|-------------------------|
| R143414671   | TNC Square flange jack receptacle high power with venting hole          | IV                      |
| R143414681   | TNC Square flange jack receptacle high power with venting hole          | V                       |
| R143414691   | TNC Square flange jack receptacle high power with venting hole          | V                       |
| R143415644   | TNC Square flange jack receptacle                                       | IV                      |
| R143416641   | TNC Square Flange jack receptacle high power – venting hole             | IV                      |
| R143654601   | TNC Right Angle Square Flange jack receptacle high power – venting hole | IV                      |

**14. DETAIL SPECIFICATION FOR TNC ADAPTORS CONNECTORS: RAD-DET-CONN-016**

**14.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION  | POWER HANDLING CATEGORY |
|--------------|--|-------------------------|
| R143703671   | TNC Male-Male adaptor (DC-8GHz) high power   | IV                      |
| R143704671   | TNC Female-Female adaptor (DC-8GHz) high power   | IV                      |
| R143705671   | TNC Male-Female adaptor (DC-8GHz) high power   | IV                      |
| R143710000X  | TNC Female-Female square flange Adaptor (DC/ 11GHz)  | III                     |
| R143710700X  | TNC Female-Female square flange Adaptor (DC/ 18GHz)  | III                     |
| R143753000X  | TNC Female-Female hermetic Adaptor bulkhead panel seal   | II                      |
| R143753604   | TNC Female-Female hermetic Adaptor bulkhead panel seal – Very High power (for thermal vacuum chamber flange) | V                       |

**15. DETAIL SPECIFICATION FOR SMP CONNECTORS: RAD-DET-CONN-019**


**15.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION | POWER HANDLING CATEGORY |
|--------------|-------------|-------------------------|
| All          | All         | I                       |

**16. DETAIL SPECIFICATION FOR HERMETIC GLASS BEAD AND ACCESSORIES CONNECTORS: RAD-DET-CONN-020**

**16.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION  | POWER HANDLING CATEGORY |
|--------------|--|-------------------------|
| R280151000X  | Centre Contact (length 12.70mm)                      | Not Applicable          |
| R280151030X  | Centre Contact (length 16.50mm)                      | Not Applicable          |
| R280450600   | Kit of SMA nut, ring and gasket                      | Not Applicable          |
| R280460000X  | Centre Contact tab length 1.57mm                     | Not Applicable          |
| R280461200X  | Centre Contact tab length 1.57mm                     | Not Applicable          |
| R280468000X  | PTFE insulator (length 3.17mm, diameter 4.08mm)      | Not Applicable          |
| R280470000X  | Removable contact                                    | Not Applicable          |
| R280751000X  | Solder Glass Bead for receptacle screw, pin Ø 0.3mm  | Not Applicable          |
| R280751090X  | Solder Glass Bead for receptacle screw, pin Ø 0.5mm  | Not Applicable          |
| R280751100X  | Solder Glass Bead for receptacle screw, pin Ø 0.3mm  | Not Applicable          |
| R280751610   | Solder Glass Bead for receptacle screw, pin Ø 0.3mm  | Not Applicable          |
| R280752600   | Solder Glass Bead for receptacle screw, pin Ø 0.3mm  | Not Applicable          |
| R280752610   | Solder Glass Bead for receptacle screw, pin Ø 0.38mm | Not Applicable          |
| R280760000X  | Solder Glass Bead for receptacle screw, pin Ø 0.3mm  | Not Applicable          |
| R280996610   | TNC Male center contact with flat tab                | Not Applicable          |
| R280996640   | TNC Male center contact with flat tab                | Not Applicable          |

|   |                                  |                       |                         |
|---|----------------------------------|-----------------------|-------------------------|
|  | DETAIL SPECIFICATION             |                       |                         |
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**17. DETAIL SPECIFICATION FOR 2.4MM MALE CONNECTORS: RAD-DET-CONN-024**

**17.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION | POWER HANDLING CATEGORY |
|--------------|-------------|-------------------------|
| All          | All         | I                       |

**18. DETAIL SPECIFICATION FOR 2.4MM FEMALE CONNECTORS: RAD-DET-CONN-025**

**18.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION | POWER HANDLING CATEGORY |
|--------------|-------------|-------------------------|
| All          | All         | I                       |

**19. DETAIL SPECIFICATION FOR INTER-SERIES CONNECTORS: RAD-DET-CONN-027**

**19.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION  | POWER HANDLING CATEGORY |
|--------------|--|-------------------------|
| R191348600   | SMA Female / SSMA Male Straight adaptor  | Figure 1(a) SSMA/SMA    |
| R191356001X  | SMA Female / RP SMA Male   | Figure 1(a) SSMA/SMA    |
| R191593600   | SMA Female /SMP Lock Male Limited Detent Straight Narrow Flange adaptor  | Figure 1(a) SMPL        |
| R191594012X  |  | Figure 1(a) SMPL        |
| R191594022X  | SMA Male / SMP Lock Male Limited Detent Straight adaptor   | Figure 1(a) SMPL        |
| R191596010X  | SMA Male / SMP Lock Male Limited Detent Straight adaptor   | Figure 1(a) SMPL        |
| R191596020X  | SMA Female / SMP Lock Female adaptor   | Figure 1(a) SMPL        |
| R191658600   | SMA Female / SMP Lock Female adaptor   | Figure 1(a) SMP         |
| R191843611   | SMP Lock Male Limited Detent / SMP Male Full detent 2 Hole Flange straight adaptor                             | Figure 1(a) SMP         |
| R191970601   | SMA Female / SMP Male Full Detent Hole Flange straight adaptor   | Figure (a) 2.4mm        |
| R191850600   | SMA2.9 Female / 2.4mm Male Straight adaptor  | Figure 1(a) SMP         |
| R191851650   | FEMALE SMA 2.9 - SMPS Lock Male Flange Type Limited Detent Straight Panel adaptor SMA2.9 Female SMPM Lock Male | Figure 1(a) SMPm        |
| R191851640   | Adaptor 2 Holes Flange SMPL M - SMPML M  | Figure 1(a) SMPm        |

**20. DETAIL SPECIFICATION FOR INTER-SERIES CONNECTORS: RAD-DET-CONN-029**

**20.1 List of part numbers with applicable power Handling Category**

| PART NUMBERS | DESIGNATION                             | POWER HANDLING CATEGORY |
|--------------|---|-------------------------|
| R231L20020   | SMPM Right Angle Receptacle SMT         | I                       |
| R231L60010   | SMPM Male Straight Receptacle SMT Type  | I                       |
| R231L80000   | SMPMS-L Female Straight Solder .047     | II                      |
| R231L80300   | SMPM Right Angle Jack Solder Type.047 - | II                      |