



D38999 RF Assemblies

Solutions from DC to 65GHz

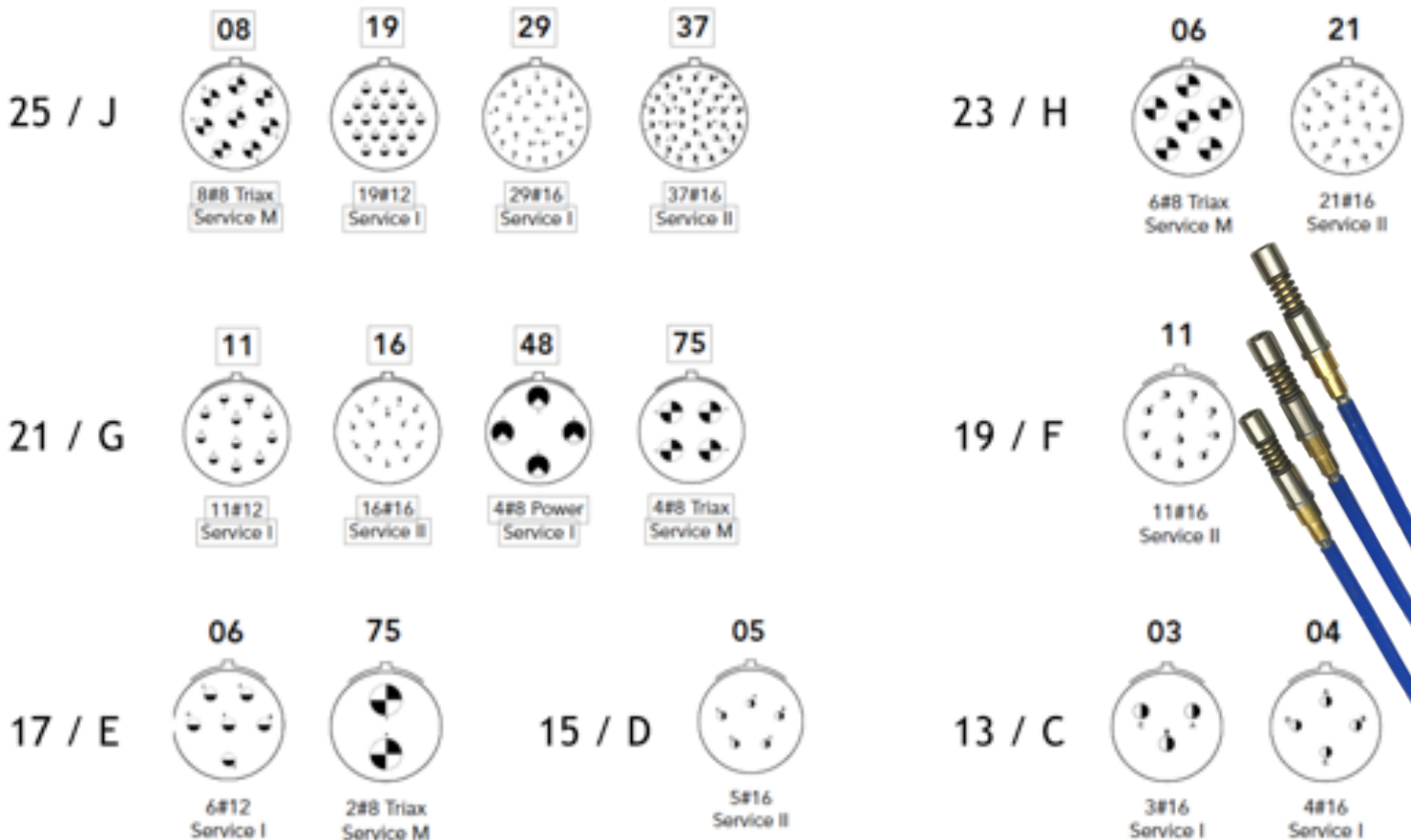
BMA, SMPM, SMPS, #16, #12 & #8

- * Standard D38999 Solutions
- * Standard M85049 Backshells
- * RF Contacts for #8, #12 & #16
- * BMA, SMPM SMPS & Mil Solutions
- * Supports RF from DC to 65GHz
- * Low Loss Cable Options
- * Phase Matching Available
- * Supports Custom Marking
- * Serialization Solutions



A robust and powerful solution for Multi-Port RF interconnect from DC to 65GHz.
 An industry standard Circular D38999 solution with up to 37 RF Ports operating.
 Also support Mixed Signal Requirements.

Common Coax Layouts





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BMA, SMPM, SMPS, #16, #12 & #8 Contacts



Standard ConductRF RF Contacts

| Size | Range/Mil | Series | ConductRF Part No. | Configuration | Cable | Max Frequency |
|------|-----------|------------|--------------------|---------------|---------|---------------|
| #8 | BMA | I-IV | PLM11A-A29G01 | Male(Socket) | ø0.141" | 22GHz |
| #8 | BMA | I-IV | PLF11A-A29G01 | Female(Pin) | ø0.141" | 22GHz |
| #8 | BMA | I-IV | PLM11A-A28G01 | Male(Socket) | ø0.086" | 22GHz |
| #8 | BMA | I-IV | PLF11A-A28G01 | Female(Pin) | ø0.086" | 22GHz |
| #8 | MIL | I-IV | M98M11-A29G01 | Male(Socket) | ø0.141" | 3GHz |
| #8 | MIL | I-IV | M98M11-A28G01 | Male(Socket) | ø0.086" | 3GHz |
| #8 | MIL | I-IV | M98F11A-A29G01 | Female(Pin) | ø0.141" | 3GHz |
| #8 | MIL | I-IV | M98F11A-A28G01 | Female(Pin) | ø0.086" | 3GHz |
| #16 | SMPS | I-IV | PGM11B-A33G01 | Male(Socket) | ø0.047" | 65GHz |
| #16 | SMPS | I-IV | PGF11B-A33G01 | Female(Pin) | ø0.047" | 65GHz |
| #16 | MIL | I-IV | M96F11A-A02G01 | Female(Pin) | RG316 | 500MHz |
| #16 | MIL | I-IV | M96F11A-A01G01 | Female(Pin) | RG178 | 500MHz |
| #16 | MIL | I, III, IV | M96M11A-A02G01 | Male(Socket) | RG316 | 500MHz |
| #16 | MIL | I, III, IV | M96M12A-A01G01 | Male(Socket) | RG178 | 500MHz |
| #16 | MIL | II | M96M12A-A02G01 | Male(Socket) | RG316 | 500MHz |
| #16 | MIL | II | M96M11A-A01G01 | Male(Socket) | RG178 | 500MHz |
| #12 | MIL | I-IV | M92F11A-A02G01 | Female(Pin) | RG316 | 3GHz |
| #12 | MIL | I-IV | M92M11A-A02G01 | Male(Socket) | RG316 | 3GHz |
| #12 | SMPM | I-IV | PMF11D-A28G01 | Female(Pin) | ø0.086" | 65GHz |
| #12 | SMPM | I-IV | PMM11A-A28G01 | Male(Socket) | ø0.086" | 65GHz |
| #12 | MIL | I, III, IV | M92F11B-A28G01 | Female(Pin) | ø0.086" | 40GHz |
| #12 | MIL | I, III, IV | M92M11B-A28G01 | Male(Socket) | ø0.086" | 40GHz |

Standard RF Cable Assemblies Lines

| Size | ConductRF Part No. | End 1. | End 2. | Flex | Op. Freq. |
|------|--------------------|--------------------|--------------------|---------|------------|
| #8 | D8A29-S1LF-XXX | BMA Female(Socket) | SMA Male | ø0.141" | DC - 18GHz |
| #8 | D8A29-S1L1-XXX | BMA Male(Pin) | SMA Male | ø0.141" | DC - 18GHz |
| #8 | D8A29-LFLF-XXX | BMA Female(Socket) | BMA Female(Socket) | ø0.141" | DC - 18GHz |
| #8 | D8A29-L1LF-XXX | BMA Male(Pin) | BMA Female(Socket) | ø0.141" | DC - 18GHz |
| #8 | D8A29-L1L1-XXX | BMA Male(Pin) | BMA Male(Pin) | ø0.141" | DC - 18GHz |
| #8 | D8A28-S1LF-XXX | BMA Female(Socket) | SMA Male | ø0.086" | DC - 18GHz |
| #8 | D8A28-S1L1-XXX | BMA Male(Pin) | SMA Male | ø0.086" | DC - 18GHz |
| #8 | D8A28-LFLF-XXX | BMA Female(Socket) | BMA Female(Socket) | ø0.086" | DC - 18GHz |
| #8 | D8A28-L1LF-XXX | BMA Male(Pin) | BMA Female(Socket) | ø0.086" | DC - 18GHz |
| #8 | D8A28-L1L1-XXX | BMA Male(Pin) | BMA Male(Pin) | ø0.086" | DC - 18GHz |
| #12 | D12A28-S1PMM-XXX | SMPM Male(Socket) | SMA Male | ø0.086" | DC - 18GHz |
| #12 | D12A28-S1PMF-XXX | SMPM Female(Pin) | SMA Male | ø0.086" | DC - 18GHz |
| #12 | D12A28-PMMPMM-XXX | SMPM Male(Socket) | SMPM Male(Socket) | ø0.086" | DC - 18GHz |
| #12 | D12A28-PMMPMF-XXX | SMPM Male(Socket) | SMPM Female(Pin) | ø0.086" | DC - 18GHz |
| #12 | D12A28-PMFPMF-XXX | SMPM Female(Pin) | SMPM Female(Pin) | ø0.086" | DC - 18GHz |
| #16 | D16A33-S1PGM-XXX | SMPS Male | SMA Male | ø0.047" | DC - 18GHz |
| #16 | D16A33-S1PGF-XXX | SMPS Female | SMA Male | ø0.047" | DC - 18GHz |
| #16 | CA28-S1961-XXX | #16 Plug(pin) | SMA Male | ø0.086" | DC-500MHz |
| #16 | CA28-961961-XXX | #16 Plug(pin) | #16 Plug(pin) | ø0.086" | DC-500MHz |

FXX = Length in Feet (eg F03=3ft) - SXX = Length in Inches (eg S18=18") - XMX = Length in Meters (eg 2M5=2.5m)