



D38999 RF Assemblies

Solutions from DC to 65GHz

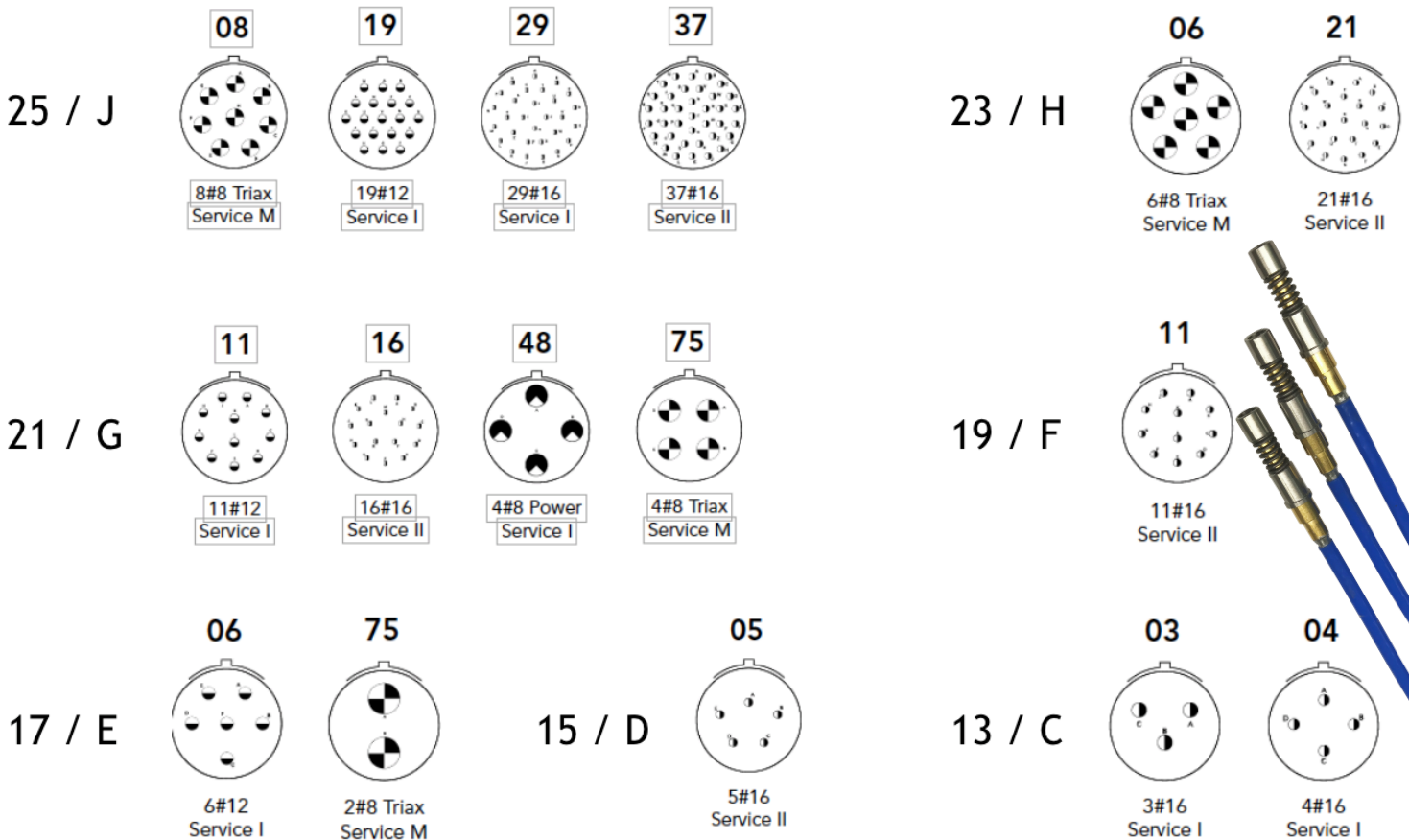
BMA, SMPM, #16, #12 & #8 Contacts

- * Standard D38999 Solutions
- * Standard M85049 Backshells
- * RF Contacts for #8, #12 & #16
- * BMA & SMPM 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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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.	Series	Flex	Op. Freq.
#8	D8A29-S1LF-XXX	BMA Female(Socket)	SMA Male	I-IV	ø0.141"	DC - 18GHz
#8	D8A29-S1L1-XXX	BMA Male(Pin)	SMA Male	I-IV	ø0.141"	DC - 18GHz
#8	D8A29-LFLF-XXX	BMA Female(Socket)	BMA Female(Socket)	I-IV	ø0.141"	DC - 18GHz
#8	D8A29-L1LF-XXX	BMA Male(Pin)	BMA Female(Socket)	I-IV	ø0.141"	DC - 18GHz
#8	D8A29-L1L1-XXX	BMA Male(Pin)	BMA Male(Pin)	I-IV	ø0.141"	DC - 18GHz
#8	D8A28-S1LF-XXX	BMA Female(Socket)	SMA Male	I-IV	ø0.086"	DC - 18GHz
#8	D8A28-S1L1-XXX	BMA Male(Pin)	SMA Male	I-IV	ø0.086"	DC - 18GHz
#8	D8A28-LFLF-XXX	BMA Female(Socket)	BMA Female(Socket)	I-IV	ø0.086"	DC - 18GHz
#8	D8A28-L1LF-XXX	BMA Male(Pin)	BMA Female(Socket)	I-IV	ø0.086"	DC - 18GHz
#8	D8A28-L1L1-XXX	BMA Male(Pin)	BMA Male(Pin)	I-IV	ø0.086"	DC - 18GHz
#12	D12A28-S1PMM-XXX	SMPM Male(Socket)	SMA Male	I-IV	ø0.086"	DC - 18GHz
#12	D12A28-S1PMF-XXX	SMPM Female(Pin)	SMA Male	I-IV	ø0.086"	DC - 18GHz
#12	D12A28-PMMPMM-XXX	SMPM Male(Socket)	SMPM Male(Socket)	I-IV	ø0.086"	DC - 18GHz
#12	D12A28-PMMPMF-XXX	SMPM Male(Socket)	SMPM Female(Pin)	I-IV	ø0.086"	DC - 18GHz
#12	D12A28-PMFPMF-XXX	SMPM Female(Pin)	SMPM Female(Pin)	I-IV	ø0.086"	DC - 18GHz
#16	CA28-S1961-XXX	#16 Plug(pin)	SMA Male	I-IV	ø0.086"	DC-500MHz
#16	CA28-961961-XXX	#16 Plug(pin)	#16 Plug(pin)	I-IV	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)