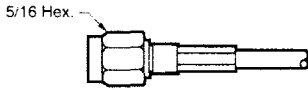


SMA Connectors, Hex Crimp and PC Board

RF Connectors (Continued)

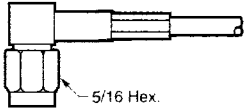
Plug



RG/U	Part No.	Body Material and Finish	Center Contact Crimp			Ferrule Crimp	
			Military Tool	Positioner	Setting	Military Tool	Die Part No.
142, 142A, 142B	447647-2●	Brass, Ni plated	M22520/2-01	M22520/2-20	7	M22520/5-01	M22520/5-11 A
174, 174A, 188, 188A, 316	447647-3●	Brass, Ni plated	M22520/2-01	M22520/2-20	4	M22520/5-01	M22520/5-35 B
Belcoen YR20621	1-447647-1●	Brass, Ni plated	M22520/2-01	M22520/2-20	6	M22520/5-01	M22520/5-11 A

●2D geometry and 3D CAD model are included on CD ROM.

Right-Angle Plug



RG/U	Part No.	Body Material and Finish	Center Contact Crimp			Ferrule Crimp	
			Military Tool	Positioner	Setting	Military Tool	Die Part No.
142, 142A, 142B	447651-2●	Brass, Ni plated	M22520/2-01	K997	7	M22520/5-01	M22520/5-11 A

●2D geometry and 3D CAD model are included on CD ROM.

SMA Connectors for Semi-Rigid Cable

Plugs, Compression Crimp

Materials

Center Contacts — Beryllium copper per ASTM-B-196, gold plated

Shells — Stainless steel per ASTM-A-582, passivated or gold plated

Coupling Nuts — Stainless steel per ASTM-A-582, passivated

Dielectrics — TEFLON per ASTM-D-1710

Grip Rings — Brass per ASTM-B-36

Gaskets — Silicone rubber per Z7-R-765

Finishes

Passivate per QQ-P-35

Gold per MIL-G-45204

Nickel per QQ-N-290



Plug with Center Contact



Short Plug with Center Contact

Connector Cable Range Selection Code ¹	RG/U Cable	Connector Configuration	Frequency Max.	Body Finish	Part No.	Connector Part Numbers*				Tooling Part Numbers			
						Category B		Category F		Hand Tool Kit No. 59981-1		Pneumatic Tool No. 58318-1	
						M39012/Military No.	AMP Part No.	M39012/Military No.	AMP Part No.	Die Set (M22520/)	Locator	Die Set ²	Locator ²
O	402 Semi-Rigid/.141 [3.58]	Plug with Center Contact	18 GHz	Passivated	---	7983104	227743-1	79-3308	228634-1	312253-1 (36-03)	220221-2 (36-04)	313720-1	308075-2
		Plug without Center Contact	18 GHz	Gold Plated	228634-2	---	9283101	227531-1	92-3301	228635-1	312253-1 (36-03)	220220-2 (36-06)	313720-1
P	405 Semi-Rigid/.086 [2.18]	Plug with Center Contact	18 GHz	Passivated	---	7983103	227868-1	79-3307	228639-1	312253-2	220221-2	313719-1	308075-2
		Short Plug with Center Contact	18 GHz	Passivated	221447-1	---	---	---	---	---	313113-1	220221-3	313719-1

¹Refer to pages 131 for code specifications.

²Meets or exceeds Air Force Drawing.

³Not included in Hand Tool Kit No. 59981-1; must be purchased separately.

⁴Die Set No. 312253-2 also may be used; consult AMP Incorporated for straight cable length requirements.

⁵Not included with Pneumatic Tool No. 58318-1; must be purchased separately.

*Consult latest issue of MIL-C-39012 and QPL for current military dash numbers.

Right-Angle Plugs, Compression Crimp

Materials and Finishes

(See above)



Connector Cable Range Selection Code ¹	RG/U Cable	Connector Configuration	Frequency Max.	Body Finish	Part No.	Connector Part Numbers*				Tooling Part Numbers			
						Category B		Category F		Hand Tool Kit No. 59981-1		Pneumatic Tool No. 58318-1	
						M39012/Military No.	AMP Part No.	M39012/Military No.	AMP Part No.	Die Set (M22520/)	Locator ³	Die Set ²	Locator ²
P	405 Semi-Rigid/.086 [2.18]	Right-Angle Plug with Center Contact	18 GHz	Passivated	---	---	---	80-3307	228583-1	312253-2	312173-1	313719-1	59966-1

¹Refer to pages are for code specifications.

²Consult latest issue of MIL-C-39012 and QPL for current military dash numbers.

³Not included in Hand Tool Kit No. 59981-1; must be purchased separately.

⁴Not included with Pneumatic Tool No. 58318-1; must be purchased separately.

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