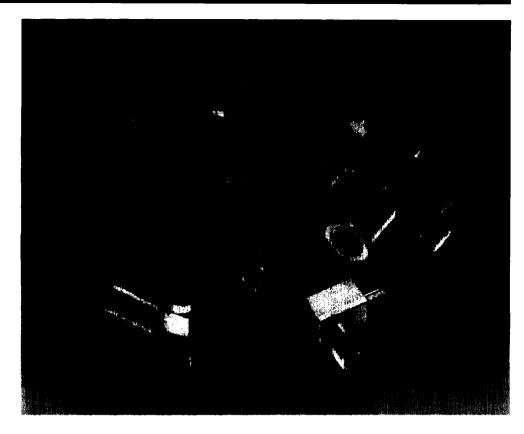
SMA Connectors



Hex Crimp and Printed Circuit Board SMA Connectors

Product Facts

- Time-saving threecomponent assembly
- Performance to 12.4 GHz
- Uses industry standard crimp tools
- Meets all performance requirements of MiL-C-39012
- Swept right-angle plug contact reduces assembly time and error
- Crimp center contacts



The AMP Hex Crimp SMA product is designed for 12.4 GHz performance, and accommodates most popular cables such as RG58, RG142, RG316, RD316, RG55 and RG223. By having only three components to assemble, cable assembly complexity is greatly reduced.

The AMP right-angle connectors use a swept center contact which eliminates costly and reliability-reducing end cap assembly, and allows crimping of the coaxial center conductor. These connectors meet the performance criteria of MIL-C-39012. The new AMP design also uses an industry standard indent crimp for center contact crimping, thereby reducing overall assembly costs and increasing reliability.

Using industry standard crimp tools eliminates the need for special manufacturing processes.



Hex Crimp and Printed Circuit Board SMA Connectors

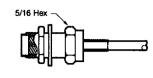
(Continued)

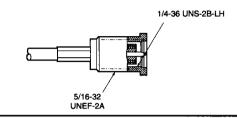
Bulkhead Jack

Part No. 449486-1 (Brass body, nickel plated)

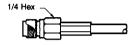
Antenna Connector Plug, Flange Mounted

Part No. 448773-1 (Brass body, nickel plated, left-hand internal thread)



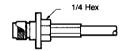


Jacks



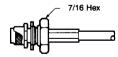
	Dort	Body Material	Center Contact Crimp			Ferrule Crimp	
RG/U	Part No.	and Finish	Military Tool	Posi- tioner	Setting	Military Tool M22520/5-01	Die Part No.
58, 58A, 58B, 58C	447648-1	Brass, Ni plated	M22520/2-01	K997	.6	M22520/5-01	M22520/5-11 A
142, 142A, 142B	447648-2	Brass, Ni plated	M22520/2-01	K997	7	M22520/5-01	M22520/5-11 A
174, 174A, 188, 188A, 316	447648-3	Brass, Ni plated	M22520/2-01	K997	4	M22520/5-01	M22520/5-35 B
174DB, 188DB, 316DB	447648-4	Brass, Ni plated	M22520/2-01	K997	4	M22520/5-01	M22520/5-35 B

Panel Jacks



-	Do-4	Body Material	Center Contact Crimp			Ferrule Crimp	
RG/U	Part No.	and Finish	Military Tool	Posi- tioner	Setting	Military Tool M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01	Die Part No.
58, 58A, 58B, 58C	447649-1	Brass, Ni plated	M22520/2-01	K997	6	M22520/5-01	M22520/5-11 A
142, 142A, 142B	447649-2	Brass, Ni plated	M22520/2-01	K997	7	M22520/5-01	M22520/5-11 A
474 4748 400 4008 040	447649-3	Brass, Ni plated	M00500/0 01	K997		M20520/5 01	M22520/5-35 B
174, 174A, 188, 188A, 316	447649-6	SST, passivated	M22520/2-01	K997	4	M12232U/3-U I	N122320/3-33 B
174DB, 188DB, 316DB	447649-4	Brass, Ni plated	M22520/2-01	K997	4	M22520/5-01	M22520/5-35 B
Belden YR20621 (RG58 Type)	447649-5	SST, passivated	M22520/2-01	K997	6	M22520/5-01	M22520/5-11 A

Bulkhead Jacks



RG/U	D4	Body Material	Center Contact Crimp			Ferrule Crimp	
	Part No.	and Finish	Military Tool	Posi- tioner	Setting 6 7	Military Tool	Die Part No.
58, 58A, 58B, 58C	447650-1	Brass, Ni plated	M22520/2-01	K997	6	M22520/5-01	M22520/5-11 A
140 1404 1400	447650-2	Brass, Ni plated	M22520/2-01	V007	Setting Military Tool 6 M22520/5-01 7 M22520/5-01	MADDEDO/E 04	M22520/5-11 A
142, 142A, 142B	447650-7	SST, passivated	M2Z3ZU/Z-U1	K997		1V122320/3-11 A	
474 4744 400 4004 040	447650-3	Brass, Ni plated	M22520/2-01	K997	4	Setting Military Tool 6 M22520/5-01 7 M22520/5-01 4 M22520/5-01 4 M22520/5-01	M22520/5-35 B
174, 174A, 188, 188A, 316	447650-6	SST, passivated	W122320/2-01	1,997	٠		
474DD 400DD 046DD	447650-4	Brass, Ni plated	1100500/0.04	V007	4	Setting Military Tool 6 M22520/5-01 7 M22520/5-01 4 M22520/5-01 4 M22520/5-01	M22520/5-35 B
174DB, 188DB, 316DB	447650-8	SST, passivated	M22520/2-01	K997	4		
Belden YR20621 (RG58 Type)	447650-5	SST, passivated	M22520/2-01	K997	6	M22520/5-01	M22520/5-11 A

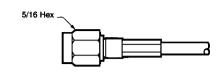
SOURCE: Catalog 82074



Hex Crimp and Printed Circuit Board SMA Connectors

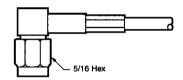
(Continued)

Plugs



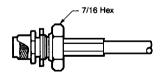
	Part	Body Material	Center Contact Crimp			Ferrule Crimp	
RG/U	No.	and Finish	Military Tool	Posi- tioner	Setting	Military Tool M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01	Die Part No.
58, 58A, 58B, 58C	447647-1	Brass, Ni plated	M22520/2-01	M22520/2-20	6	M22520/5-01	M22520/5-11 A
	447647-2	Brass, Ni plated					
RG142, 142A, 142B	447647-7	SST, passivated	M22520/2-01	M22520/2-20	7	M22520/5-01	M22520/5-11 A
	1-447647-2	Brass, Ni plated				Military Tool M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01	
174, 174A, 188, 188A, 316	447647-3	Brass, Ni plated	M22520/2-01	M22520/2-20		MODEROUE OF	1400000 /F OF D
174, 174A, 100, 100A, 310	447647-6	SST, passivated	M22520/2-01	W2252U/2-2U	4	MI2252U/5-UT	M22520/5-35 B
174DB, 188DB, 316DB	447647-4	Brass, Ni plated	M22520/2-01	M00500/0 00			MOOCOO/F OF D
174DB, 186DB, 316DB	447647-8	SST, passivated	IV12232U/2-U I	M22520/2-20	4	M22320/5-01	M22520/5-35 B
Belden YR20621 (RG58 Type)	447647-5	SST, passivated	M22520/2-01	M22520/2-20	6	M22520/5-01	M22520/5-11 A
DC174 100 010	447647-9	Brass, Ni plated	M00500/0 04	MODEOD/O 00		\$400500/F 04	1400000/F OF D
RG174, 188, 316	1-447647-4	Brass, Gold Plated	M22520/2-01	M22520/2-20	4	M2252U/5-U1	M22520/5-35 B
RG55, 55A, 223	1-447647-0	Brass, Ni plated	M22520/2-01	M22520/2-20	7	M22520/5-01	M22520/5-11 A
B-Id VD00001	1-447647-1	Brass, Ni plated	\$400E00/0.04	MODEON/O OO	^	MADOCOO/E O4	M00500/5 44 A
Belden YR20621	1-447647-3	Brass, Gold Plated	M22520/2-01	M22520/2-20	6	M22520/5-U1	M22520/5-11 A

Right-Angle Plugs



	Part	Body Material		enter Contact Crimp		Ferrule Crimp	
RG/U	No.	and Finish	Military Tool	Posi- tioner	Setting	Military Tool M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01	Die Part No.
RG55, 55A, 223	1-447651-2	Brass, Ni plated	M22520/2-01	К997	7	Military Tool M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01	M22520/5-11 A
NG55, 55A, 225	1-447651-3	Brass, Gold plated	WIZZJZU/Z-U I	1337	,		MIZZJZU/J-11 A
58, 58A, 58B, 58C	447651-1	Brass, Ni plated	M22520/2-01	K997	6	M22520/5 01	M22520/5-11 A
36, 36A, 36B, 36C	447651-9	SST, passivated	WIZZJZU/Z-U I	1.557	U	Military Tool M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01	
	447651-2	Brass, Ni plated		K997 7 I			
142, 142A, 142B	447651-7	SST, passivated	M22520/2-01		M22520/5-01 M22	M22520/5-11 A	
	1-447651-1	Brass, Ni plated				Military Tool M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01 M22520/5-01	
174, 174A, 188, 188A, 316	447651-3	Brass, Ni plated	M22520/2-01	K997	7 M22520/5 6 M22520/5 7 M22520/5 4 M22520/5 4 M22520/5 6 M22520/5	M22520/5-01	M22520/5-35 B
174, 174A, 100, 100A, 510	447651-6	SST, passivated	WIZEDZOIZ OT	1001	<u> </u>	1112232073 01	1112232073 03 D
174DB, 188DB, 316DB	447651-4	Brass, Ni plated	M22520/2-01	K997	4	M22520/5-01	M22520/5-35 B
11400, 10000, 31000	447651-8	SST, passivated	MIZZQZQ/Z-U1	11337	7	Setting Military Tool 7 M22520/5-01 6 M22520/5-01 7 M22520/5-01 4 M22520/5-01 4 M22520/5-01 6 M22520/5-01	181220/3-00 D
Belden YR20621 (RG58 Type)	447651-5	SST, passivated	M22520/2-01	K997	6	M22520/5-01	M22520/5-11 A
Belden YR20621	1-447651-0	Brass, Ni plated	M22520/2-01	K997	6	M22520/5-01	M22520/5-11 A

Bulkhead Jacks



		Body Material	Center Contact Crimp			Ferrule Crimp	
RG/U	Part No.	and Finish	Military Tool	Posi- tioner	Setting	Military Tool	Die Part No.
142, 142A, 142B	448103-1	Brass, Ni plated	M22520/2-01	K997	7	M22520/5-01	M22520/5-11 A
174 1746 100 1006 010	448103-2	Brass, Ni plated	\$400E00/0 04	K997	4	etting Military Tool	M22520/5-35 B
174, 174A, 188, 188A, 316	448103-4	SST, passivated	- M22520/2-01	K991	4		
Belden YR20621 (RG58 Type)	448103-3	SST, passivated	M22520/2-01	K997	6	M22520/5-01	M22520/5-11 A

SOURCE: Catalog 82074



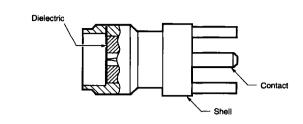
Hex Crimp and Printed Circuit Board SMA Connectors

(Continued)

Vertical Printed Circuit Board Jacks M39012/93-3001 Part No. 447920-1

(Stainless steel body, gold plated)

Part No. 447920-2 (Brass body, gold plated)

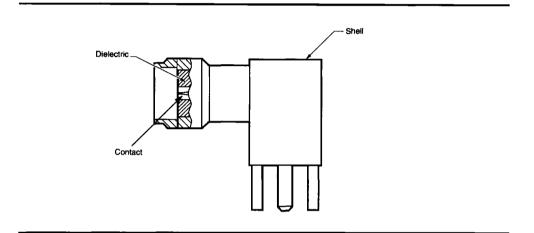


Right-Angle Printed Circuit Board Jacks

M39012/94-3001 Part No. 447921-1 (Stainless steel body, gold plated)

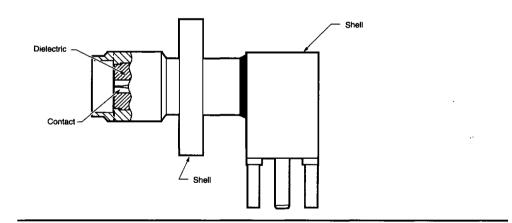
Part No. 447921-2

(Brass body, gold plated)



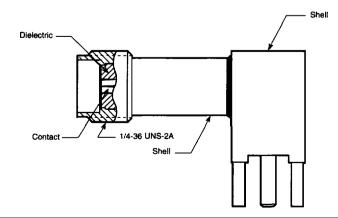
Part No. 448774-1

(Brass body, nickel plated, left-hand thread)



Part No. 449709-1

(Brass body, nickel plated)



SOURCE: Catalog 82074

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for RF MIL Spec Connectors category:

Click to view products by TE Connectivity manufacturer:

Other Similar products are found below:

M55339/38-00001 M39012/69-0004 M39012/95-0001 M39012/56B3112 M39012/55-3125 UG-23D/U(40) UG-306/U(40) UG-492/U
SMA6251A1-3GT50G-50B M39012/55-3026 M39012/67-0004 M39012/31-0001 UG-89/U(40) M39012/27-0018 M39012/27-0101
M39012/01-0005 SMA1111A1-3GT50G-1-50 M39012/28-0010 M39012/55B3022 M39012/26-0018 M39012/26-0022 M39012/26-0101
M39012/26-0225 M55339/47-30001 SMA1111A2-3GT50G-5-50 SMA1112A5-3GT50G-5-50 SMA1112A6-3GT50G-1-50 M39012/79-3108
M39012/79B3001 M39012/80-3107 M39012/55-3030 M39012/56-3126 M55339/02-30001 M55339/28-30001 M55339/28-30002
M55339/29-30001 M55339/31-30001 SMA2071A1-3GT50G-50 1102-0003 M39012/26-0011 M39012/26-0012 M39012/26B0006
M39012/26B0015 M39012/28-0022 M39012/30-0101 M39012/31-0002 M39012/33-0001 M39012/39-0501 M39012/55-3006 M39012/55-3007