

MIL-STD-1353B
NOTICE 3
20 February 1986

MILITARY STANDARD
ELECTRICAL CONNECTORS, PLUG-IN SOCKETS
AND ASSOCIATED HARDWARE, SELECTION AND USE OF

TO ALL HOLDERS OF MIL-STD-1353B:

1. THE FOLLOWING PAGES OF MIL-STD-1353B ARE NEW OR HAVE BEEN REVISED AND SUPERSEDE THE PAGES LISTED:

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
101.57	20 February 1986	101.57	30 August 1983
101.58	30 August 1983	101.58	REPRINTED WITHOUT CHANGE
200.1	20 February 1986	200.1	2 July 1980
201.1	20 February 1986	201.1	2 July 1980
through		through	
201.18		201.19	

2. THE FOLLOWING NEW SECTION HAS BEEN ADDED:

NEW SECTION	DATE
202	20 February 1986

3. RETAIN THIS NOTICE AND INSERT BEFORE THE TABLE OF CONTENTS.

4. Holders of MIL-STD-1353B will verify that page changes indicated above have been entered. This notice page will be retained as a check sheet. This issuance, together with appended pages, is a separate publication. Each notice is to be retained by stocking points until the military standard is completely revised or canceled.

Custodians:
Army - CR
Navy - EC
Air Force - 85

Preparing activity:
Navy - EC

Review activities:
Army - AT, AV, MI
Navy - AS
Air Force - 10, 11, 99
DLA - ES

Agent:
DLA - ES

(Project 5935-3494)

User activities:
Army - CR
Navy - CG, MC, SH

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MIL-C-83723 PART NUMBERING SYSTEM

Part no. example: M83723/72R1203N

	M83723/XX	XX	XX	X	X
Basic specification number	_____				
Class	_____				
Shell size	_____				
Insert arrangement	_____				
Polarization	_____				

Shell configuration:

	Bayonet		Threaded	
	Pins	Sockets	Pins	Sockets
Single hole mount receptacle (hermetic crimp) - - - - -	/65	---	---	---
Lanyard plug - - - - -	---	---	/68	/69
Flange mount receptacle - - - - -	/72	/71	/83	/82
Single hole mount receptacle - - - - -	/74	/73	/85	/84
Straight plug - - - - -	/76	/75	/87	/86
RFI plug - - - - -	/78	/77	/92	/91
Flange mount (hermetic) (solder pin) - - - - -	/79	---	/88	---
Solder mount (hermetic) (solder pin) - - - - -	/80	---	/90	---
Single hole mount (hermetic) (solder pin) - - - - -	/81	---	/89	---
Self-locking RFI plug - - - - -	---	---	/98	/97
Self-locking plug - - - - -	---	---	/96	/95
Solder mount (hermetic) (straight pin) - - - - -	/93	---	---	---
Single hole mount (hermetic) (straight pin) - - - - -	/94	---	---	---

Class: H - Hermetically sealed.
 K - Firewall, environmental, self-locking.
 R - Environmental resisting. For "space" applications only.
 W - Olive drab cadmium plate (conductive).
 S - Stainless steel, RFI grounding.

Shell size: Shell size in sixteenths of an inch.

Insert arrangement: See MIL-STD-1554.

Polarization: Normal polarization is considered preferred; however, alternate polarizations, when required by a system, do not require nonstandard part approval.

Contacts: MIL-C-39029/4 and MIL-C-39029/5.

Standard connectors: See table 101-III.

Supersedes page 101.57 of Notice 1.

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<u>Applicable documents</u>	<u>Applicable characteristics</u>	<u>Applicable restrictions</u>	<u>Page</u>
Series III	Crimp contacts, rear release Solder contact hermetics only Contact sizes: 12, 16, 20 Temperature ranges: Class: H: -65°C to +150°C (hermetic) tin/cold rolled steel K: -65°C to +200°C (firewall) stainless steel passivated R: -65°C to +200°C electroless nickel/aluminum. For "space" applications only. S: -65°C to +200°C (firewall) plug and receptacle, RFI grounding self-locking plug) stainless steel passivated W: -65°C to +175°C Cadmium over suitable under- plate/aluminum. Coupling: Threaded and bayonet.	ARMY: Not for use. NAVY: Not for use.	101.59

Supersedes page 101.58 of Notice 1.

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SECTION 200
RADIO FREQUENCY CONNECTORS

<u>Section</u>		<u>Page</u>
201	CONNECTORS, RADIO FREQUENCY, COAXIAL	201.1
202	ADAPTERS, RADIO FREQUENCY, COAXIAL	202.1

Supersedes page 200.1 of 2 July 1980.

200.1

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SECTION 201

CONNECTORS, RADIO FREQUENCY, COAXIAL
(Applicable specification: MIL-C-39012)

<u>Applicable documents</u>	<u>Applicable characteristics</u>	<u>Applicable restrictions</u>	<u>Page</u>
MIL-C-39012	- This specification covers the general requirements and tests for radio frequency connectors used with flexible RF cables and certain other types of coaxial transmission lines.		201.3
Series N	- Threaded coupling for RF cable in the .195 to .870 inch outside dimension (OD) range. Maximum operating volts - 1,000 rms at sea level.	None	201.4
Series C	- Bayonet coupling for RF cable in the .280 to .870 inch OD range. Maximum operating volts - 1,000 rms at sea level.	None	201.5
Series BNC	- Bayonet coupling for RF cable in the .160 to .250 inch OD range. Maximum operating volts - 500 rms at sea level.	Not for Navy use. Not for Air Force use in high vibration areas.	201.6
Series TNC	- Threaded coupling for RF cable in the .100 to .250 inch OD range. Maximum operating volts - 500 rms at sea level.	None	201.7
Series SC	- Threaded coupling for RF cable in the .195 to .870 inch OD range. Maximum operating volts - 1,000 rms at sea level.	None	201.8

Supersedes page 201.1 of 2 July 1980.

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<u>Applicable documents</u>	<u>Applicable characteristics</u>	<u>Applicable restrictions</u>	<u>Page</u>
Series SMA	- Threaded coupling for RF cable in the .071 to .170 inch OD range. Maximum operating volts - 170 rms at sea level.	None	201.9
Series SMB	- Bayonet coupling for RF cable in the .071 to .170 inch OD range. Maximum operating volts - 250 rms at sea level.	Not for Navy Airborne use.	201.11
Series SMC	- Threaded coupling for RF cable in the .071 to .100 inch OD range. Maximum operating volts - 250 rms at sea level.	Not for Navy use.	201.11
<u>Table no.</u>	<u>Cross reference</u>		
201-II	MIL-C-17 to MIL-C-39012 conversion		201.12

Supersedes page of 201.2 of 2 July 1980.

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MIL-C-39012 PART NUMBERING SYSTEM

Part no. example: M39012/57-3006

	KEY:	M39012	/XX	-X	XXX
Basic specification					
Specification sheet					
Material and finish of connector body					
Category and dimensional difference for different cable					

Criteria:

Material of connector body:

- 0XXX - Brass, silver plated
- 3XXX - Steel, corrosion-resisting, passivated ^{1/}
- 4XXX - Copper beryllium, gold plated

Categories. The categories of connectors shall be designated by an A (field serviceable), B (non-field replaceable), C (field replaceable), D (field replaceable), E (field replaceable) and F (field replaceable) as follows:

- Category A - Connectors that do not require special tools to assemble shall be designated as category A connectors. Standard wrenches, soldering equipment, pliers, etc., are not defined as special tools.
- Category B - Connectors that require special tools to assemble shall be designated as category B connectors. These connectors may be used for original installations only. Field replacement is intended to be made by category A, C, D, E, or F connectors. Category B connectors will not be stocked or procured by the Government.
- Category C - Connectors that require only standard military crimping tools and standard cable stripping dimensions to assemble shall be designated as category C connectors.
- Category D - Connectors which require only standard military crimping tools for the center contact and outer ferrule, and standard cable stripping dimensions to assemble shall be designated as category D connectors.
- Category E - Connectors that require only standard assembly tools and can be assembled in the field. The method of assembly of the connector to the cable outer conductor shall be solder.
- Category F - Connectors using semirigid cables with standard stripping dimensions and using standard military assembly tools. The method of assembly of the connector to the cable shall be solderless.

Standard connectors: See table 201-I.

Cable to connector conversion: See table 201-II.

^{1/} A gold plate may be used in lieu of passivation for connectors that are assembled to the cable through the use of solder only.

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TABLE 201-1. Standard connectors, MIL-C-39012 type.

Application	Contact	Category	Part number M39012/	Applicable cable M17/	
SERIES N - THREADED COUPLING				Swept	Nonswept
Plug, straight	Pin	C	1-0016	73-RG212 1/	162-00001 1/
"	"		1-0021	65-RG165	159-00001
"	"		1-0023		6-RG11
"	"		1-0024		77-RG216 1/
"	"		1-0027		2-RG6 1/
"	"	D	1-0501	127-RG393	174-00001
"	"		1-0503	128-RG400	175-00001
"	"		1-0503	60-RG142	158-00001
Plugs and receptacles, four hole flange mounted	Socket	C	2-0027	73-RG212 1/	162-00001 1/
"	"		2-0030		77-RG216
"	"		2-0041	65-RG165	159-00001
"	"		2-0042		6-RG11
"	"		2-0043		2-RG6 1/
"	"	D	2-0511	127-RG393	174-00001
"	"		2-0513	60-RG142	158-00001
"	"		2-0513	128-RG400	175-00001
Jam nut mounted	Socket	C	3-0013	73-RG212 1/	162-00001 1/
"	"		3-0018	65-RG165	159-00001
"	"		3-0020		5-RG11
"	"		3-0020		62-RG144
"	"		3-0021		77-RG216 1/
"	"	D	3-0023		2-RG6 1/
"	"		3-0501	127-RG393	174-00001
"	"		3-0503	60-RG142	158-00001
"	"		3-0503	128-RG400	175-00001
Front mounted jam nut	"	N/A	4-0001		
Rear mounted flange	"		4-0002	N/A	N/A
Rear mounted jam nut	"		4-0003		
Plug, right angle	Pin-right angle	D	5-0501	75-RG214 1/	164-00001 1/
"	"		5-0501	127-RG393	174-00001 1/
"	"		5-0502	74-RG213 1/	163-00001
"	"		5-0503	60-RG142	158-00001
"	"		5-0503	128-RG400	175-00001

1/ PVC cable (jacket) not for aerospace applications.

Supersedes page 201.4 of 2 July 1980.

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TABLE 201-I. Standard connectors, MIL-C-39012 type - Continued.

Application	Contact	Category	Part number M39012/	Applicable cable M17/	
SERIES C - BAYONET COUPLING				Swept	Nonswept
Front jam nut mounted	Socket	A	9-0001	28-RG058 1/ 84-RG223 1/ 1/	29-RG59 1/
"	"		9-0001		30-RG62 1/
"	"		9-0001		90-RG71
"	"		9-0002		155-00001 1/
"	"		9-0002		167-00001 1/
Rear mounted, flange mounted	Socket	N/A	12-0001	N/A	N/A
Jam nut mounted, front mounted	Socket	N/A	13-0001	N/A	N/A
Pressurized seal jam nut mounted	Socket	N/A	14-0001	N/A	N/A
Hermetic seal, jam nut mounted	"	"	14-0002	"	"
Plug, straight	Pin	A	15-0001	28-RG58 1/ 84-RG223 1/ 1/	29-RG59 1/
"	"		15-0001		30-RG62 1/
"	"		15-0001		90-RG71
"	"		15-0002		155-00001 1/
"	"		15-0002		167-00001 1/

1/ PVC cable (jacket) not for aerospace applications.

Supersedes page 201.5 of 2 July 1980.

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TABLE 201-I. Standard connectors, MIL-C-39012 type - Continued.

Application	Contact	Category	Part number M39012/	Applicable cable M17/	
SERIES BNC - BAYONET COUPLING				Swept	Nonswept
Plug, straight	Pin	C	16-0013	111-RG303	170-00001
"	"		16-0014	84-RG223 1/	167-00001 1/
"	"		16-0015		29-RG59 1/
"	"		16-0015		30-RG62 1/
"	"		16-0017		90-RG71
"	"		16-0020		110-RG302
"	Socket	D	16-0502		95-RG180
"			16-0503	128-RG400	175-00001
"		C	17-0013	111-RG303	170-00001
"			17-0014	84-RG223 1/	167-00001 1/
"			17-0015		29-RG59 1/
"			17-0015		30-RG62 1/
"			17-0017		90-RG71
"			17-0020		110-RG302
"		D	17-0502		95-RG180
"			17-0503	60-RG142	158-00001
"			17-0503	128-RG400	175-00001
Receptacle, four hole flange mounted		C	18-0013	111-RG303	170-00001
"			18-0014	84-RG223 1/	167-00001 1/
"			18-0015		29-RG59 1/
"			18-0015		30-RG62 1/
"			18-0017		90-RG71
"			18-0020		110-RG302
"		D	18-0502		95-RG180
"			18-0503	128-RG400	175-00001
"		C	19-0013	111-RG303	170-00001
"			19-0014	84-RG223 1/	167-00001 1/
"			19-0014	60-RG142	158-00001 1/
"			19-0015		29-RG59 1/
"			19-0015		30-RG62 1/
"			19-0017		90-RG71
"		D	19-0020		110-RG302
"			19-0502		95-RG180
"			19-0503	128-RG400	175-00001
Plug, right angle	Pin	C	20-0005	111-RG303	170-00001
"	"		20-0007	84-RG223 1/	167-00001 1/
"	"		20-0010		110-RG302
"	Socket	D	20-0501	54-RG122 1/	157-00001 1/
"			20-0502		95-RG180
"			20-0503	128-RG400	175-00001
Jam nut mounted receptacle, solder pot	Socket	N/A	21-0001	N/A	N/A
Flange mounted receptacle, solder pot	Socket	N/A	22-0001	N/A	N/A
Right angle, jam nut mounted receptacle, solder pot	Socket	N/A	23-0001	N/A	N/A
Jam nut mounted hermet- ically sealed receptacle solder contact	Socket	N/A	24-0001	N/A	N/A

1/ PVC cable (jacket) not for aerospace applications.

Supersedes page 201.6 of 2 July 1980.

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TABLE 201-I. Standard connectors, MIL-C-39012 type - Continued.

Application	Contact	Category	Part number M39012/	Applicable cable M17/	
SERIES TNC - THREADED COUPLING				Swept	Nonswept
Plug, straight	Pin	C	26-0010	111-RG303	170-00001
"	"		26-0011	84-RG223 1/	167-00001 1/
"	"		26-0012		29-RG59 1/
"	"		26-0012	60-RG142	158-00001
"	"		26-0012		97-RG210
"	"		26-0014		90-RG71
"	"		26-0021		110-RG302
"	"		26-0022	113-RG316	172-00001
"	"		26-0022	119-RG174	173-00001
"	"		26-0502		95-RG180
	Socket	D	27-0502		95-RG180
Receptacle, jam nut mounted	Socket	C	28-0010	111-RG303	170-00001
"	"		28-0010	84-RG223 1/	167-00001 1/
"	"		28-0012		29-RG59 1/
"	"		28-0012		30-RG62 1/
"	"		28-0014		90-RG71
"	"		28-0021		110-RG302
"	"		28-0022	113-RG316	172-00001
"	"		28-0022	119-RG174 1/	173-00001 1/
"	"		28-0502		95-RG180
	Socket	D	29-0502		95-RG180
Receptacle, four hole flange mounted	Socket	C	29-0010	111-RG303	170-00001
"	"		29-0010	84-RG223 1/	167-00001 1/
"	"		29-0012		29-RG59 1/
"	"		29-0012		30-RG62 1/
"	"		29-0014		90-RG71
"	"		29-0021		110-RG302
"	"		29-0022	113-RG316	172-00001
"	"		29-0022	119-RG174 1/	173-00001 1/
"	"		29-0502		95-RG180
	Socket	D	30-0502		95-RG180
Plug, right angle	Pin	C	30-0010	111-RG303	170-00001
"	"		30-0011	84-RG223 1/	167-00001 1/
"	"		30-0012		29-RG59 1/
"	"		30-0014		90-RG71
"	"		30-0021		110-RG302
"	"		30-0022	113-RG316	172-00001
"	"		30-0022	119-RG174 1/	173-00001 1/
"	"		30-0502		95-RG180
	Socket	D	31-0502		95-RG180
Jam nut mounted receptacle, solder pot	Socket	N/A	31-0002	N/A	N/A
Flange mounted receptacle, solder pot	Socket	N/A	32-0001	N/A	N/A
Right angle, jam nut mounted receptacle, solder pot	Socket	N/A	33-0001	N/A	N/A
Jam nut mounted hermetically sealed receptacle solder contact	Socket	N/A	34-0002	N/A	N/A

1/ PVC cable (jacket) not for aerospace applications.

Supersedes page 201.7 of 2 July 1980.

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TABLE 201-1. Standard connectors, MIL-C-39012 type - Continued.

Application	Contact	Category	Part number M39012/	Applicable cable M17/	
SERIES SC - THREADED COUPLING				Swept	Nonswept
Plug, straight	Pin	D	35-0501	75-RG214 1/	164-00001 1/
"	"		35-0501		86-00001
"	"		35-0501	127-RG393	174-00001
"	"		35-0503	60-RG142	158-00001
"	"		35-0503	128-RG400	175-00001
Plug, straight	Socket	D	36-0501	75-RG214 1/	164-00001 1/
"	"		36-0501		86-00001
"	"		36-0501	127-RG393	174-00001
"	"		36-0502	74-RG213 1/	163-00001 1/
Rear, flange mounted, cabled, receptacle	Socket	D	38-0501	127-RG393	174-00001
"	"		38-0503	60-RG142	158-00001
"	"		38-0503	128-RG400	175-00001
"	"	D	39-0501	127-RG393	174-00001
"	"		39-0503	60-RG142	158-00001
"	"		39-0503	128-RG400	175-00001
Plug, right angle	Pin	A	39-0101	65-RG165	159-00001
"	"		39-0101	74-RG213 1/	163-00001 1/
"	"		39-0101	75-RG214 1/	164-00001 1/
"	"		39-0101		86-00001
Receptacle, rear, jam nut mounted	Socket	D	40-0501	75-RG214 1/	164-00001 1/
"	"		40-0501		86-00001
"	"		40-0501	127-RG393	174-00001
"	"		40-0502	74-RG213 1/	163-00001 1/
Rear mounted	Socket	N/A	41-0001	N/A	N/A
Front jam nut mounted	Socket	N/A	42-0001	N/A	N/A

1/ PVC cable (jacket) not for aerospace applications.

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TABLE 201-1. Standard connectors, MIL-C-39012 type - Continued.

Application	Contact	Category	Part number M39012/	Applicable cable M17/	
SERIES SMA - THREADED COUPLING				Swept	Nonswept
Plug, straight	Pin	C	55-3025	93-RG178	169-00001
"	"		55-3026	119-RG174 1/	173-00001 1/
"	"		55-4026	113-RG316	172-00001
"	"		55-3027	54-RG122 1/	157-00001 1/
"	"		55-4028	84-RG223 1/	167-00001 1/
"	"		55-3029	28-RG58 1/	155-00001 1/
"	"		55-4029	111-RG303	170-00001
"	"	D	55-4502	128-RG400	175-00001
Right angle plug	Pin	C	56-3028	60-RG142	158-00001
"	"		56-4028	84-RG223 1/	167-00001 1/
"	"		56-3029	28-RG58 1/	155-00001 1/
Plug, straight	Socket	C	57-3025	93-RG178	169-00001
"	"		57-4026	113-RG316	172-00001
"	"		57-3027	54-RG122 1/	157-00001 1/
"	"		57-4028	84-RG223 1/	167-00001 1/
"	"		57-3029	28-RG58 1/	155-00001 1/
"	"		57-4029	111-RG303	170-00001
"	"	D	57-4502	128-RG400	175-00001
Cabled, flange mounted, receptacle	Socket	C	58-3025	93-RG178	169-00001
"	"		58-3026	119-RG174 1/	173-00001 1/
"	"		58-3027	54-RG122 1/	157-00001 1/
"	"		58-3029	28-RG58 1/	155-00001 1/
"	"	D	58-4502	128-RG400	175-00001
Cabled, jam nut mounted, receptacle	Socket	C	59-3025	93-RG178	169-00001
"	"		59-3026	119-RG174 1/	173-00001 1/
"	"		59-3027	54-RG122 1/	157-00001 1/
"	"		59-3029	28-RG58 1/	155-00001 1/
"	"	D	59-4502	128-RG400	175-00001
Flange mounted receptacle, solder pot	Socket	N/A	60-3001	N/A	N/A
Jam nut mounted receptacle, solder pot	Socket	N/A	61-3002	N/A	N/A
Hermetically sealed jam nut mounted, receptacle solder contact	Socket	N/A	62-3002	N/A	N/A

1/ PVC cable (jacket) not for aerospace applications.

Supersedes page 201.9 of 2 July 1980.

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TABLE 201-I. Standard connectors, MIL-C-39012 type - Continued.

Application	Contact	Category	Part number M39012/	Applicable cable M17/
SERIES SMA - THREADED COUPLING				Swept
Plug, straight semirigid cable	Pin	E	79-3008	130-RG402 130-00001 130-00002 130-00003
Semirigid cable right angle plug	Pin	E	80-3008	130-RG402 130-00001 130-00002 130-00003
Semirigid cable, cabled plug	Socket	E	81-3008	130-RG402 130-00001 130-00002 130-00003
Flange mounted semi- rigid cable receptacle	Socket	E	82-3008	130-RG402 130-00001 130-00002 130-00003
Jam nut mounted semi- rigid cable receptacle	Socket	E	83-3008	130-RG402 130-00001 130-00002 130-00003
Printed circuit receptacle	Socket	N/A	93-3001 93-3002 93-3003	N/A
Printed circuit receptacle, right angle	Socket	N/A	94-3001 94-3002 94-3003	N/A

Supersedes page 201.10 of 2 July 1980.

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TABLE 201-I. Standard connectors, MIL-C-39012 type - Continued.

Application	Contact	Category	Part number M39012/	Applicable cable M17/	
SERIES SMB - BAYONET COUPLING				Swept	Nonswept
Right angle plug	Socket	C	69-0012	119-RG174 1/	173-00001 1/
"	"		69-0012	113-RG316	172-00001
"	"		69-0012	94-RG179	
Rear jam nut mounted	Pin	N/A	71-0001	N/A	N/A
Front jam nut mounted	Pin	N/A	71-0002	N/A	N/A
Printed circuit receptacle	Pin	N/A	95-0001	N/A	N/A
"	"		95-0002		
"	"		95-0003		
Printed circuit right angle receptacle	Pin	N/A	96-0001	N/A	N/A
"	"		96-0002		
"	"		96-0003		
SERIES SMC - THREADED COUPLING				Swept	Nonswept
Plug, straight	Socket	A	73-0003	93-RG178	169-00001
"	"		73-0004	119-RG174 1/	173-00001 1/
"	"		73-0004	113-RG316	172-00001
"	"		73-0004	94-RG179	
"	Pin	A	74-0003	93-RG178	169-00001
"	"		74-0004	119-RG174 1/	173-00001 1/
"	"		74-0004	113-RG316	172-00001
"	"		74-0004	94-RG179	
Plug, right angle	Socket	A	75-0003	93-RG178	169-00001
"	"		75-0004	119-RG174 1/	173-00001 1/
"	"		75-0004	113-RG316	172-00001
"	"		75-0004	94-RG179	
Receptacle, rear mounted, jam nut	Pin	A	76-0003	93-RG178	169-00001
"	"		76-0004	119-RG174 1/	173-00001 1/
"	"		76-0004	113-RG316	172-00001
"	"		76-0004	94-RG179	
Receptacle, rear mounted, jam nut, solder pot	Pin	N/A	77-0001	N/A	N/A
	"		77-0002		

1/ PVC cable (jacket) not for aerospace applications.

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TABLE 201-II.. MIL-C-17 to MIL-C-39012 conversion.

M17/	M39012/
6-RG011	02-0003 02-0006 03-0012
28-RG058 <u>1/</u>	16-0504 17-0504 18-0504 19-0504 20-0504 26-0504 27-0504 28-0504 29-0504 30-0504 55-3029 56-3029 57-3029 58-3029 59-3029
29-RG059 <u>1/</u>	16-0015 17-0015 18-0015 19-0015 26-0012 27-0012 28-0012 29-0012 30-0012
30-RG062 <u>1/</u>	16-0015 17-0015 18-0015 19-0015 26-0012 27-0012 28-0012 29-0012 30-0012

1/ PVC cable (jacket) not for aerospace applications.

Supersedes page 201.12 of 2 July 1980.

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TABLE 201-11. MIL-C-17 to MIL-C-39012 conversion - Continued.

M17/	M39012/
54-RG122 <u>1</u> /	16-0501 17-0501 18-0501 19-0501 20-0501 26-0501 27-0501 28-0501 29-0501 30-0501 55-3027 56-3027 57-3027 58-3027 59-3027
60-RG142	16-0503 17-0503 18-0503 19-0503 20-0503 26-0503 27-0503 28-0503 29-0503 30-0503 55-3028 55-4502 56-4502 57-4502 58-4502 59-4502
62-RG144	02-0003 02-0006 03-0012
65-RG165	02-0003 02-0006 03-0012

1/ PVC cable (jacket) not for aerospace applications.

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TABLE 201-11. MIL-C-17 to MIL-C-39012 conversion - Continued.

M17/	M39012/
73-RG212 <u>1/</u>	
74-RG213 <u>1/</u>	01-0502 02-0502 02-0512 03-0502 05-0502 35-0502 36-0502 38-0502 39-0502 40-0502
75-RG214 <u>1/</u>	01-0501 02-0501 02-0511 03-0501 05-0501 35-0501 36-0501 38-0501 39-0501 40-0501
77-RG216 <u>1/</u>	01-0005 02-0003 02-0006 03-0012
78-RG217 <u>1/</u>	
79-RG218 <u>1/</u>	

1/ PVC cable (jacket) not for aerospace applications.

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TABLE 201-II. MIL-C-17 to MIL-C-39012 conversion - Continued.

M17/	M39012/
84-RG223 1/	16-0014 17-0014 18-0014 19-0014 20-0007 26-0011 27-0011 28-0011 29-0011 30-0011 55-3028 56-3028 57-3028 58-3028 59-3028
85-00001	40-0501
90-RG071	16-0017 17-0017 18-0017 19-0017 26-0014 27-0014 28-0014 29-0014 30-0014
93-RG178	55-3025 56-3025 57-3025 58-3025 59-3025 67-0003 68-0003 69-0003 70-0003 73-0003 74-0003 75-0003 76-0003
94-RG179	67-0004 68-0004 69-0004 70-0004 73-0004 74-0004 75-0004 76-0004

1/ PVC cable (jacket) not for aerospace applications.

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TABLE 201-II. MIL-C-17 to MIL-C-39012 conversion - Continued.

M17/	M39012/
97-RG210	16-0502 17-0502 18-0502 19-0502 20-0502 26-0502 27-0502 28-0502 29-0502 30-0502
97-RG210	16-0015 17-0015 18-0015 19-0015 26-0012 27-0012 28-0012 29-0012 30-0012
110-RG302	16-0015 17-0020 18-0020 19-0020 20-0010 29-0017
111-RG303	15-0013 17-0013 18-0013 19-0013 20-0010 26-0010 27-0010 28-0010 29-0010 30-0010 55-3029 56-3029 57-3029 58-3029 59-3029

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TABLE 201-II. MIL-C-17 to MIL-C-39012 conversion - Continued.

M17/	M39012/
112-RG304	
113-RG316	28-0018 55-3026 56-3026 57-3026 58-3026 59-3026 67-0004 68-0004 69-0004 70-0004 73-0004 74-0004 75-0004 76-0004
119-RG174 <u>1/</u>	28-0018 55-3026 56-3026 57-3026 58-3026 59-3026 67-0004 68-0004 69-0004 70-0004 73-0004 74-0004 75-0004 76-0004
127-RG393	01-0501 02-0501 02-0511 03-0501 05-0501 35-0501 36-0501 38-0501 39-0501 40-0501

1/ PVC cable (jacket) not for aerospace applications.

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TABLE 201-II. MIL-C-17 to MIL-C-39012 conversion - Continued.

M17/	M39012/
128-RG400	16-0503 17-0503 18-0503 19-0503 20-0503 26-0503 27-0503 28-0503 29-0503 30-0503 55-4502 56-4502 57-4502 58-4502 59-4502
130-RG402	79-3008 80-3008 81-3008 82-3008 83-3008
133-RG405	79-3007 80-3007 81-3007 82-3007 83-3007

1/ PVC cable (jacket) not for aerospace applications.

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MIL-A-55339 PART NUMBERING SYSTEM

Part no. example: M55339/05-00057

	<u>M55339</u>	<u>/XX</u>	-	<u>X</u>	<u>XXXX</u>
Basic specification	_____	_____		_____	_____
Specification sheet	_____			_____	_____
Material of adapter body	_____				_____
Nonsignificant dash number	_____				

Criteria:

Material of adapter body:

- 0XXXX - Brass
- 1XXXX - Phosphor bronze
- 2XXXX - Aluminum
- 3XXXX - Corrosion-resisting steel
- 4XXXX - Copper-beryllium
- 5XXXX - Copper-beryllium to brass 1/

Standard adapters: See table 202-1.

1/ To be used between series SMA and other series. SMA body to be copper-beryllium and the rest of the adapter to be brass.

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TABLE 202.1. Standard adapters, MIL-A-55339 type.

Applications	Series reference	Part number M55339/
Socket to socket	BNC to N	01-00001
Pin to socket, right angle	SMA	02-30001
Pin to socket, right angle	N	03-00027
Socket to socket, jam nut, hermetic	N	04-00030
Pin to pin	N	05-00057
All sockets, TEE	N	06-00028
Socket to socket	N	07-00029
Socket to socket	BNC	08-00043
Pin to pin	C	09-00042
Pin to socket, right angle	C	10-00567
One pin, two sockets, TEE	C	11-00566
Socket to socket, jam nut, hermetic	C	12-01138
Socket to socket, jam nut	BNC	13-00001
Socket to socket, jam nut, hermetic	BNC	13-00492
Pin to socket, right angle	BNC	14-00306
Pin to pin	BNC	15-00491
Socket to socket	BNC	16-00914
One pin two sockets, TEE	BNC	17-00274
Pin to pin	BNC to N	18-01034
Socket to pin	N to C	19-00565
Socket to pin	BNC to N	20-00201
Socket to pin	C to N	21-00564
Socket to pin	BNC to C	22-00636
Socket to pin	C to BNC	23-00635
Pin to socket, 4 hole flange	BNC to N	24-00335
Socket to socket, jam nut	BNC to N	25-00606
Socket to socket, jam nut, hermetic	SMA	28-30001
Pin to pin	SMA	29-30001
One pin, two sockets, TEE	SMA	30-30001
One pin, two sockets, TEE (without safety wire holes)	SMA	30-30101 30-40101
Socket to socket	SMA	31-30001
Pin to socket, right angle	TNC	32-00001
Socket to socket	TNC	33-00001
Socket to socket, jam nut, hermetic	TNC	34-30001 34-00001

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TABLE 202.1. Standard adapters, MIL-A-55339 type - Continued.

Applications	Series reference	Part number M55339/
One pin, two sockets, TEE	TNC	35-00001
Pin to pin	TNC	36-00001
Socket to socket	BNC to TNC	37-00001
Pin to socket	BNC to TNC	38-00001
Pin to pin	BNC to TNC	39-00001
Pin to socket	SMA to TNC	40-30001
Pin to socket, no safety wire holes	SMA to TNC	40-30101
Socket to socket	SMA to TNC	41-30001
Socket to pin	SMA to BNC	44-30001
Pin to pin, no safety wire holes	SMA to BNC	45-30101
Socket to socket	SMA to BNC	46-30001
Pin to socket	SMA to BNC	47-30101
Socket to pin	N to BNC	49-00349
Three sockets, one jam nut, TEE	TNC	50-00001
Socket to pin	TNC to N	51-00001