

Deutsch MIL-SPEC Connectors, Composite Termination System Modules, Contacts and Tooling.

Connectors

Military Part Number	Description	Military Part Number	Description
MIL-C-26482 Series II Class A, H, L & W	Resilient Connectors	Series III Class F, W, M & J	Threaded Coupling
MS3470	Square flange mount receptacle	D38999/20	Square flange or wall mount receptacle
MS3471	Cable connecting receptacle	D38999/24	Jam nut or single hole mount receptacle
MS3472	Wide square flange mount receptacle	D38999/26	Straight plug
MS3474	Single hole mount receptacle	Series IV Class, F, N & W	Breech Coupling
MS3475	Plug RFI shielding	D38999/40	Square flange mount receptacle
MS3476	Plug straight	D38999/42	Box mount receptacle
MIL-C-29600 Series A & B	Composite Resilient (DG123) Connectors	D38999/44	Jam nut receptacle
M29600/10R*	Square flange mount receptacle (Series A)	D38999/46	Plug with RFI
M29600/11R*	Jam nut receptacle (Series A)	D38999/47W	Plug straight
M29600/12R*	Plug (Series A)	MIL-C-81511 Series III & IV	Resilient Connectors
M29600/20R	Square flange mount receptacle (Series B)	Series III Class A, W, F & D	Long shell series (100% scoop proof)
M29600/21R	Jam nut receptacle (Series B)	M81511/41	Square flange mount receptacle
M29600/22R	Plug (Series B)	M81511/44D	Single hole mount receptacle
M29600/23R	Socket contact (Series B)	M81511/45	Cable connecting receptacle
M29600/24R	Pin contact (Series B)	M81511/46	Plug
*For Series A contacts see M39029 /106 & /107.		M81511/49	Jam nut receptacle
MIL-C-38999 Series I, III & IV	Resilient Connectors	Series IV Class A, W, F & D	Short shell series (50% scoop proof)
Series I Class T	Bayonet Coupling	M81511/51	Square flange mount receptacle
MS27466	Square flange receptacle with crimp contacts	M81511/53	Single hole mount receptacle
MS27467	Straight plug with crimp contacts	M81511/55	Cable connecting receptacle
		M81511/56	Plug



Connectors (continued)

Military Part Number	Description
MIL-C-81703	Resilient Connectors
Series II Class E	Push-pull, crimp, front release
MS3140	Square flange receptacle
MS3144	Jam nut receptacle
MS3147	Plug
MS3148	Plug with lanyard
MS3445	Plug, (rack and panel)
MIL-C-81703	Resilient Connectors
Series III Class E, L & H	
MS3424	Square flange mount receptacle
MS3464	Single hole mount receptacle
MS3467	Plug
MS3446	Plug, (rack and panel)
MIL-C-83723	Resilient Connectors
Series III Class A, R, & W	
Threading Coupling	
M83723/82	Square flange mount receptacle, crimp socket contact
M83723/83	Square flange mount receptacle, crimp pin contact
M83723/84	Single hole mount receptacle, crimp socket contact
M83723/85	Single hole mount receptacle, crimp pin contact
M83723/86	Plug, crimp socket contact
M83723/87	Plug, crimp pin contact
Bayonet Coupling	
M83723/71	Square flange mount receptacle, crimp socket contact
M83723/72	Square flange mount receptacle, crimp pin contact
M83723/73	Single hole mount receptacle, crimp socket contact
M83723/74	Single hole mount receptacle, crimp pin contact
M83723/75	Plug, crimp socket contact
M83723/76	Plug, crimp pin contact
M83723/77	Plug RFI, crimp socket contact
M83723/78	Plug RFI, crimp pin contact

Military Part Number	Description
MIL-T-81714	Composite Termination System* Series II
Feedback Modules	
M81714/60-12-01	Feedback Modules replace terminal strips. Each module accommodates a single contact size which is bused internally to a copper bar.
M81714/60-12-02	
M81714/60-12-03	
M81714/60-16-01	
M81714/60-16-02	
M81714/60-16-03	
M81714/60-20-01	
M81714/60-20-02	
M81714/60-20-03	
M81714/60-20-04	
M81714/60-20-06	
M81714/60-22-01	
M81714/60-22-02	
M81714/60-22-04	
M81714/60-22-05	
M81714/60-22-06	
M81714/60-22-10	
Multiwire Distribution Modules	
M81714/61-OW	Used when two or more contact sizes are needed per module. The bus bars are forged from a single copper piece.
M81714/61-OX	
M81714/61-OY	
M81714/61-OZ	
Electronic Modules	
M81714/62-20-AH	Designed to contain a variety of circuit arrangements for rectifying, filtering and arc suppression.
M81714/62-20-AL	
M81714/62-20-AW	
M81714/62-20-AZ	
M81714/62-20-BA	
M81714/62-20-BG	
M81714/62-20-BP	
M81714/62-20-CM	
M81714/62-20-CN	
Grounding Modules	
M81714/63-16F	Provides a method of grounding multiple wires to a common location. Modules are small, lightweight, dissipate heat, are shock and vibration resistant, have an extremely low voltage drop and are mounted to surface.
M81714/63-20S	
M81714/63-22F	
M81714/63-22S	

*Refer to specification sheet for arrangements or MIL-T-81714 Series II

For all Hermetic applications, please call: 760/757-7500
760/722-2476 FAX

Military Part Number **Description**

MIL-T-81714 Composite Termination System Series II (continued)

Grounding Junctions

M81714/64-12 Provides a simple method of terminating
M81714/64-16 a wire (22, 20 16 and 12 AWG) to ground.
M81714/64-20 Wires with crimp contacts are inserted
M81714/64-22 into the grounding junction and attached
to surface.

Single and Multiple wire splices

M81714/65-12-1 In-Line junctions are used to join two
M81714/65-12-2 wires. Multi-junctions are designed
M81714/65-16-1 to join four wires bused together.
M81714/65-16-2
M81714/65-20-1
M81714/65-20-2
M81714/65-22-1
M81714/65-22-2

Module Mounting Rails

M81714/67-02 Designed to accommodate various
M81714/67-03 modules which can be individually
M81714/67-04 inserted and removed.

Military Part Number **Description**

Module Mounting Rails (continued)

M81714/67-05
M81714/67-06
M81714/67-07
M81714/67-08
M81714/67-09
M81714/67-10
M81714/67-12
M81714/67-13
M81714/67-14
M81714/67-15
M81714/67-16
M81714/67-18
M81714/67-19
M81714/67-20
M81714/67-21
M81714/67-25
M81714/67-30
M81714/67-40

Module Removal Tools

M81714/69-01
M81714/69-02

*Refer to specification sheets for Dimensions.

Contacts,*Tools and Sealing Plugs

MIL-C-26482 Series II, MIL-C-81703 Series III and MIL-C-83723 Series III

Contact	Size	Style	Insertion/Extraction Tool	Sealing Plug
M39029/4-110	20	pin	M819691/14-11	4113-4-2001
M39029/4-111	16	pin	M819691/14-03	0613-1-1601
M39029/4-112	16/20	pin	M819691/14-11	0613-1-1601
M39029/4-113	12	pin	M819691/14-04	0613-1-1201
M39029/4-114	12/16	pin	M819691/14-03	0613-1-1201
M39029/5-115	20	socket	M819691/14-11	4113-4-2001
M39029/5-116	16	socket	M819691/14-03	0613-1-1601
M39029/5-117	16/20	socket	M819691/14-11	0613-1-1601
M39029/5-118	12	socket	M819691/14-04	0613-1-1201
M39029/5-119	12/16	socket	M819691/14-03	0613-1-1201

MIL-C-26482 Series I and MIL-C-81703 Series II

M39029/31-228	16	pin	Insertion M81969/17-04 Extraction M81969/19-08	0613-1-1601
M39029/31-229	16	pin	Insertion M81969/17-04 Extraction M81969/19-08	0613-1-1601
M39029/31-240	20	pin	Insertion 15513-20 Extraction M15514-20	4113-4-2001
M39029/31-241	20	pin	Insertion 15513-20 Extraction M15514-20	4113-4-2001
M39029/32-247	16	socket	Insertion M81969/17-04 Extraction M81969/19-08	0613-1-1601
M39029/32-248	16	socket	Insertion M81969/17-04 Extraction M81969/19-08	0613-1-1601
M39029/32-259	20	socket	Insertion 15513-20 Extraction M15514-20	4113-4-2001
M39029/32-260	20	socket	Insertion 15513-20 Extraction M15514-20	4113-4-2001

MIL-C-5015

M39029/29-212	16	pin	M81969/14-03	0613-1-1601
M39029/29-213	12	pin	M81969/14-04	0613-1-1201
M39029/30-217	16/20	socket	M81969/14-03	0613-1-1201
M39029/30-218	16	socket	M81969/14-03	0613-1-1601
M39029/30-219	12	socket	M81969/14-04	0613-1-1201

*Bulk contacts are available through Deutsch Authorized Distributors.

Contacts,* Tools and Sealing Plugs (continued)

MIL-C-38999

Contact	Size	Style	Insertion/Extraction Tool	Sealing Plug
M39029/56-348	22	socket	M81969/14-01	MS27488-22
M39029/56-351	20	socket	M81969/14-10	4113-4-2001
M39029/56-352	16	socket	M81969/14-03	0613-1-1601
M39029/56-353	12	socket	M81969/14-04	0613-1-1201
M39029/57-354	22	socket	M81969/14-01	MS27488-22
M39029/57-357	20	socket	M81969/14-02	4113-4-2001
M39029/58-360	22	pin	M81969/14-01	MS27488-22
M39029/58-363	20	pin	M81969/14-10	4113-4-2001
M39029/58-364	16	pin	M81969/14-03	0613-1-1601
M39029/58-365	12	pin	M81969/14-04	0613-1-1201

MIL-C-38999 (Extended Life)

M39029/106-614	22	socket	M81969/14-01	MS27488-22
M39029/106-615	20	socket	M81969/14-11	4113-4-2001
M39029/106-616	16	socket	M81969/14-03	0613-1-1601
M39029/106-617	12	socket	M81969/14-04	0613-1-1201
M39029/107-620	22	pin	M81969/14-01	MS27488-22
M39029/107-621	20	pin	M81969/14-11	4113-4-2001
M39029/107-622	16	pin	M81969/14-03	0613-1-1601
M39029/107-623	12	pin	M81969/14-04	0613-1-1201

MIL-C-38999 (Shielded)

M39029/28-211	12	pin	M81969/14-04	0613-1-1201
M39029/75-416	12	socket	M81969/14-04	0613-1-1201
M39029/76-424	16	pin	M81969/14-03	0613-1-1601
M39029/77-430	16	socket	M81969/14-03	0613-1-1601
M39029/77-432	16	socket	M81969/14-03	0613-1-1601

MIL-C-81511 Series III and IV

M39029/16-167	23	socket	M81969/16-04	81539-23
M39029/16-168	20	socket	M81969/16-01	81539-20
M39029/16-169	16	socket	M81969/16-02	81539-16
M39029/16-170	12	socket	M81969/16-03	81539-12
M39029/17-171	23/28	socket	M81969/16-04	81539-23
M39029/17-172	23	socket	M81969/16-04	81539-23
M39029/17-173	20	socket	M81969/16-01	81539-20
M39029/17-174	16	socket	M81969/16-02	81539-16
M39029/17-175	12	socket	M81969/16-03	81539-12
M39029/18-176	23/28	pin	M81969/16-04	81539-23
M39029/18-177	23	pin	M81969/16-04	81539-23
M39029/18-178	20	pin	M81969/16-01	81539-20
M39029/18-179	16	pin	M81969/16-02	81539-16
M39029/18-180	12	pin	M81969/16-03	81539-12

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M39029/63-368	20	socket	M81969/14-10	4113-4-2001
M39029/64-369	20	pin	M81969/14-10	4113-4-2001

MIL-T-81714 Series II

M39029/22-191	22	socket	M81969/16-04	1613-03-2205
M39029/22-192	20	socket	M81969/14-11	81539-20
M39029/22-193	16	socket	M81969/14-03	81539-16
M39029/22-605	12	socket	M81969/16-03	81539-12

*Bulk contacts are available through Deutsch Authorized Distributors.

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