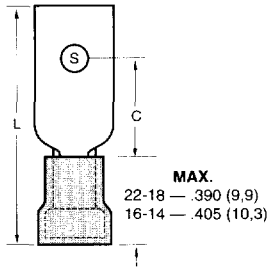
Rectangular Tongue Terminals/MIL-T-7928

Rectangular Tongue insulated terminals are covered by MS-17143 (SHIPS).

MS-17143 (SHIPS)
TYPE II (INSULATED)



Common Basic Dimensions

Molex ETC Part Number	MS-17143 Dash Nos.	Class	Navy Wire Size	AWG Wire Size	Stud Size S	Max. Width W	Min. Clearance C	Max Length L	Max. Wire Insulation Diameter
AA-880-1	- 1	1&2	1-2	22-18(0,25-1,3mm²)	8(4)	.395(10,0)	.625(15,9)	1.359(33,9)	.140(3,6)
AA-881-1	- 4	1&2	1-2	22-18(0,25-1,3mm²)	6(3-3,5)	.307(7,8)	.468(11,9)	1.109(28,2)	.140(3,6)
AA-882-1	- 7	1&2	1-2	22-18(0,25-1,3mm²)	8(4)	.307(7,8)	.468(11,9)	1.109(28,2)	.140(3,6)
AA-883-1	- 10	1&2	1-2	22-18(0,25-1,3mm²)	5(3-3,5)	.282(7,2)	.281(7,1)	.855(21,7)	.140(3,6)
AA-884-1	- 13	1&2	1-2	22-18(0,25-1,3mm²)	6(3-3,5)	.242(6,1)	.406(10,3)	1.015(25,8)	.140(3,6)
AA-885-1	- 16	1&2	1-2	22-18(0,25-1,3mm²)	4(2,6)	.242(6,1)	.406(10,3)	1.015(25,8)	.140(3,6)
AA-886-1	- 19	1&2	1-2	22-18(0,25-1,3mm²)	4(2,6)	.242(6,1)	.250(6,3)	.796(20,2)	.140(3,6)
BB-880-2	- 2	1&2	2-1/2-4	16-14(1,0-2,6mm²)	8(4)	.395(10,0)	.625(15,9)	1.359(33,9)	.170(4,3)
BB-881-2	- 5	1&2	2-1/2-4	16-14(1,0-2,6mm²)	6(3-3,5)	.307(7,8)	.468(11,9)	1.109(28,2)	.170(4,3)
BB-882-2	- 8	1&2	1-1/2-4	16-14(1,0-2,6mm²)	8(4)	.307(7,8)	.468(11,9)	1.109(28,2)	.170(4,3)
BB-883-2	- 11	1&2	2-1/2-4	16-14(1,0-2,6mm²)	5(3-3,5)	.282(7,2)	.281(7,1)	.855(21,7)	.170(4,3)
BB-884-2	- 14	1&2	2-1/2-4	16-14(1,0-2,6mm²)	6(3-3,5)	.242(6,1)	.406(10,3)	1.105(25,8)	.170(4,3)
BB-885-2	- 17	1&2	1-1/2-4	16-14(1,0-2,6mm²)	4(2,6)	.242(6,1)	.406(10,3)	1.105(25,8)	.170(4,3)
BB-886-2	- 20	1&2	2-1/2-4	16-14(1,0-2,6mm²)	4(2,6)	.242(6,1)	.250(6,3)	.796(20,2)	.170(4,3)

NOTE: All actual insulated parts are color-coded Red, Blue or Yellow to military standard.

MIL-T-7928

Molex-ETC solderless terminals and splices have long contributed to our nation's defense, as high-quality components in a wide variety of weapons systems and defense equipment.

MIL-T-7928 is the specification most commonly used by the various government agencies, military prime and ordinance contractors and many original-equipment-manufacturers (OEM) as well as the aircraft and aerospace industries. This specification encompasses and governs several military standards: MS-20659, Uninsulated Ring Terminals; MS-25036, Insulated Ring Terminals; MS-17143, Insulated Rectangular Terminals. The following quick-reference charts indicated some of the more popular Molex-ETC military terminals and splices which are manufactured to meet or exceed military specifications and performance standards.

QUALIFIED PRODUCTS LIST (QPL) APPROVALS

Class 1 approved terminals and splices conform to all dimensional requirements and meet all performance standards of the military specification, when crimped with QPL-approved crimping tools.

Class 2 approved terminals and splices meet all performance standards of the military specification when crimped with the manufacturer's QPL-recognized crimping tools.

Types I and II further classify military terminals and splices as non-insulated and insulated. Type I indicates "uninsulated" while Type II refers to "insulated" terminals and splices. See pages 44-47 for details on all Molex-ETC crimping tools. Consult your Molex-ETC Customer Service Representative for additional information and military cross-references.

Military Specifications Ring Tongue Terminals

MS-20659 TYPE I NON-INSULATED

MS-20659 Dash No.	Molex-ETC Part No.	Class	MS-20659 Dash No.	Molex-ETC Part No.	Class
-101	AA-420-06	2	-133	G-374-12	2
-102	AA-421-10	2	-135	H-380-12	2
-103	BB-437-06	2	-136	J-385-12	2
-104	BB-437-10	2	-137	L-398-78	2
-105	C-328-10	1+2	-138	AA-420-04	2
-106	C-330-56	1+2	-139	BB-423-04	2
-107	D-356-10	2	-140	D-356-08	2
-108	D-351-56	2	-141	D-350-14	2
-109	E-360-14	2	-142	D-352-12	2
-110	E-357-38	2	-143	E-358-12	2
-111	F-367-14	2	-144	F-367-10	2
-112	F-366-38	2	-145	F-369-12	2
-113	G-375-14	2	-146 ASG	G-375-10	2
-114	G-375-38	2	-147	G-375-56	2
-117	H-381-14	2	-148	G-374-76	2
-118	H-381-38	2	-151	H-381-56	2
-119	J-385-56	2	-152	H-380-76	2
-120	J-385-38	2	-153	J-385-14	2
-121	K-390-38	2	-154	J-385-76	2
-122	K-390-12	2	-155ASG	K-390-56	2
-123ASG	L-395-38	2	-156	—	2
-124	L-395-12	2	-158	—	2
-125	AA-426-38	2	-159	L-395-58	2
-126	BB-423-06	2	-160	—	2
-127	BB-418-38	2	-161	AA-426-56	2
-128	C-340-38	1+2	-163	BB-418-56	2
-129	D-351-38	2	-165	C-336-06	2
-130	E-360-10	2	-166	C-301-12	2
-131	E-357-56	2			
-132	F-366-56	2			

MS-25036 TYPE II INSULATED

MS-25036 Dash No.	Molex-ETC Part No.	Class	MS-25036 Dash No.	Molex-ETC Part No.	Class
-101	AA-820-06	1+2	-128	G-774-12	2
-102	AA-832-06	1+2	-132	H-781-14	2
-103	AA-821-10	1+2	-133	H-781-38	2
-104	AA-822-56	1+2	-134	H-780-12	2
-105	AA-826-38	1+2	-135	J-785-56	2
-106	BB-823-06	1+2	-136	J-785-38	2
-107	BB-837-06	1+2	-137	—	2
-108	BB-837-10	1+2	-138	K-790-38	2
-109	BB-825-56	1+2	-139	K-790-12	2
-110	BB-818-38	1+2	-140	—	2
-111	C-828-06	1+2	-141	L-795-12	2
-112	C-828-10	1+2	-143	M-8114-02	2
-113	C-830-56	1+2	-144	M-8113-04	2
-114	C-840-38	1+2	-145	M-8118-06	2
-115ASG	D-750-10	2	-146	M-8118-08	2
-116	D-750-14	2	-147	M-8118-10	2
-117	D-751-56	2	-148	AA-820-04	1+2
-118	D-751-38	2	-149	AA-821-08	1+2
-119	E-760-10	2	-150	AA-822-14	1+2
-120	E-760-14	2	-152	BB-823-04	1+2
-121	E-757-56	2	-153	BB-837-08	1+2
-122	E-757-38	2	-154	BB-825-14	1+2
-123	F-767-14	2	-156	C-828-08	1+2
-124	F-766-56	2	-157	C-830-14	1+2
-125	F-766-38	2	-159	AA-820-02	1+2
-126	G-775-14	2			
-127	G-775-38	2			

Window Butts/Mil-T-7928/5

Window butt splices have military approval to withstand the most harsh environments. The window guarantees proper wire insertion and crimp tool alignment. They are nylon insulated, and have an insulation grip which provides superior strain relief.

MS-7928/5 Dash No.	Molex-ETC Part No.
-3	WA-840
-4	WB-841
-5	WC-842