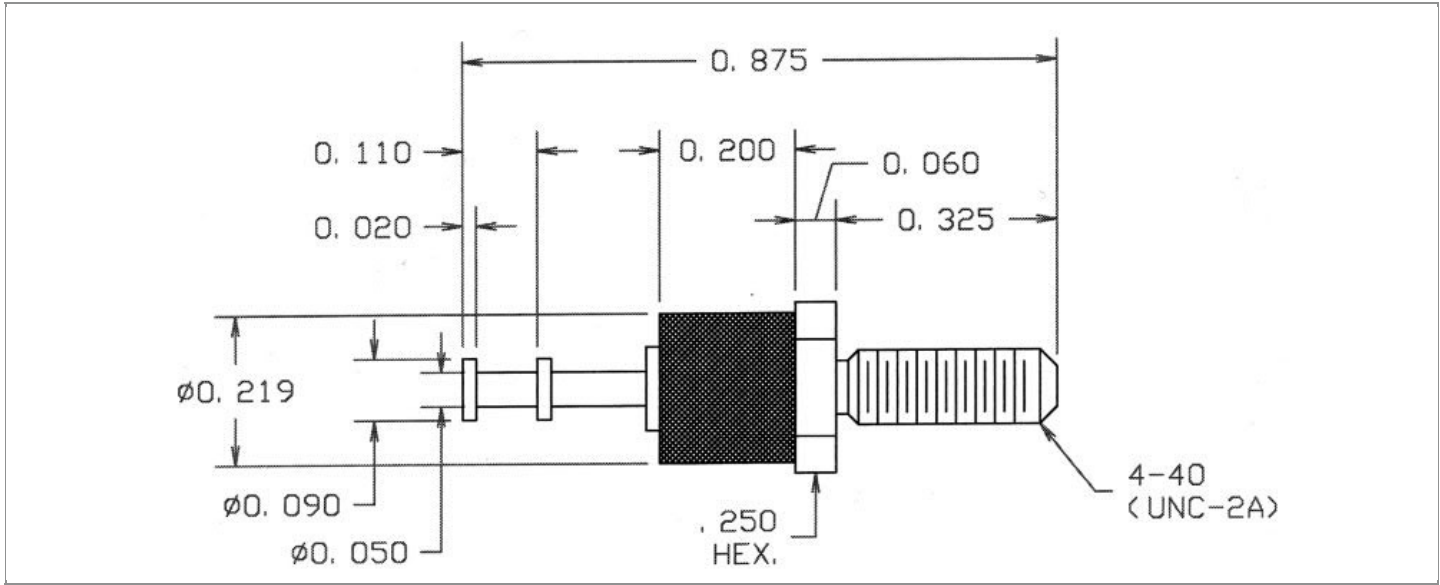


<b>DRAWING NUMBER:</b>	<b>1169-38M-XXXX</b>
<b>PRODUCT GROUP:</b>	TERMINALS
<b>SUB-GROUP:</b>	MILITARY INSULATED TERMINALS
<b>DESCRIPTION:</b>	DIALLYL PHTHALATE INSULATED DOUBLE TURRET TERMINAL



PIN DIAMETER	OVERALL LENGTH	MOUNTING ORIENTATION	BOARD / PANEL MOUNTING METHOD
N/A	0.875"	VERTICAL	THREAD MOUNT (4-40 NUT)
BOARD / PANEL THICKNESS	MOUNTING HOLE SIZE	DRILL SIZE	FEED THRU COMBINATION
UP TO 3/16"	0.120" ± 0.002	#31	N/A

**PART NO. STRUCTURE:\***

**1169** - **38M** - **XX** **XX**  
 PART SERIES    DIMENSION    FINISH    INSULATION COLOR

\*If applicable, "Z" at the end of a PART NO. STRUCTURE indicates TERMINAL MATERIAL TYPE.

**MATERIAL OPTIONS:**

**1169-38M-XXXX**

COMPONENT	MATERIAL	MATERIAL AND SPECIFICATION
TERMINAL	BRASS	BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD
BASE/METAL SLEEVE	BRASS	BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD
INSULATION*	DIALLYL PHTHALATE	MOLDED DIALLYL PHTHALATE, TYPE SDG-F PER ASTM D5948
NUT	BRASS	BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD
WASHER	PHOSPHOR BRONZE	PHOSPHOR BRONZE PER MS35333

\*For Insulation color, please see INSULATION COLOR OPTIONS on Page 2

FINISH - PLATING OPTIONS:

1169-38M-XXXX

FINISH CODE	COMPONENT	FINISH	FINISH AND SPECIFICATION
05	TERMINAL	ELECTRO-SOLDER	0.000300"MIN. ELECTRO-SOLDER PER SAE-AMS-P-81728 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418
	BASE/METAL SLEEVE	ELECTRO-SOLDER	0.000100"MIN. ELECTRO-SOLDER PER SAE-AMS-P-81728 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	NUT	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	WASHER	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
088	TERMINAL	BRIGHT TIN-LEAD	0.000300"MIN. BRIGHT TIN-LEAD (Sn93%-Pb7%) PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418
	BASE/METAL SLEEVE	BRIGHT TIN-LEAD	0.000100"MIN. BRIGHT TIN-LEAD (Sn93%-Pb7%) PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	NUT	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	WASHER	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
095	TERMINAL	HOT SOLDER DIP	0.000100"MIN. HOT SOLDER DIP USING Sn60 PER IPC-J-STD-006 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418
	BASE/METAL SLEEVE	BRIGHT TIN-LEAD	0.000100"MIN. BRIGHT TIN-LEAD (Sn93%-Pb7%) PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	NUT	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	WASHER	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290

INSULATION COLOR OPTIONS:

1169-38M-XXXX

INSULATION COLOR	BLACK	BLUE	BROWN	GRAY	GREEN	ORANGE	RED	VIOLET	WHITE	YELLOW
COLOR CODE NO.	10	16	11	18	15	13	12	17	19	14

TOLERANCES:\*

DECIMAL	FRACTIONAL	ANGULAR	DRAWING ORIGATION DATE	LAST MODIFICATION DATE
± 0.015	N/A	N/A	9/4/1996	3/1/2017

\*All dimensions are in inches.

RoHS COMPLIANCE:

1169-38M-05XX

PART NUMBER	RoHS COMPLIANT
1169-38M-0510	NO
1169-38M-0511	NO
1169-38M-0512	NO
1169-38M-0513	NO
1169-38M-0514	NO
1169-38M-0515	NO
1169-38M-0516	NO
1169-38M-0517	NO
1169-38M-0518	NO
1169-38M-0519	NO

1169-38M-088XX

PART NUMBER	RoHS COMPLIANT
1169-38M-08810	NO
1169-38M-08811	NO
1169-38M-08812	NO
1169-38M-08813	NO
1169-38M-08814	NO
1169-38M-08815	NO
1169-38M-08816	NO
1169-38M-08817	NO
1169-38M-08818	NO
1169-38M-08819	NO

1169-38M-095XX

PART NUMBER	RoHS COMPLIANT
1169-38M-09510	NO
1169-38M-09511	NO
1169-38M-09512	NO
1169-38M-09513	NO
1169-38M-09514	NO
1169-38M-09515	NO
1169-38M-09516	NO
1169-38M-09517	NO
1169-38M-09518	NO
1169-38M-09519	NO

MILITARY REFERENCE SPECIFICATIONS:

1169-38M-05XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-38M-0510	MIL-T-55155/09	M55155/090H05 (SE090E05S)	A-A-59126/09	AA59126/090H05
1169-38M-0511	MIL-T-55155/09	M55155/091H05 (SE091E05S)	A-A-59126/09	AA59126/091H05
1169-38M-0512	MIL-T-55155/09	M55155/092H05 (SE092E05S)	A-A-59126/09	AA59126/092H05
1169-38M-0513	MIL-T-55155/09	M55155/093H05 (SE093E05S)	A-A-59126/09	AA59126/093H05
1169-38M-0514	MIL-T-55155/09	M55155/094H05 (SE094E05S)	A-A-59126/09	AA59126/094H05
1169-38M-0515	MIL-T-55155/09	M55155/095H05 (SE095E05S)	A-A-59126/09	AA59126/095H05
1169-38M-0516	MIL-T-55155/09	M55155/096H05 (SE096E05S)	A-A-59126/09	AA59126/096H05
1169-38M-0517	MIL-T-55155/09	M55155/097H05 (SE097E05S)	A-A-59126/09	AA59126/097H05
1169-38M-0518	MIL-T-55155/09	M55155/098H05 (SE098E05S)	A-A-59126/09	AA59126/098H05
1169-38M-0519	MIL-T-55155/09	M55155/099H05 (SE099E05S)	A-A-59126/09	AA59126/099H05

1169-38M-088XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-38M-08810	MIL-T-55155/09	M55155/090J05	A-A-59126/09	AA59126/090J05 (AA59126/09005)
1169-38M-08811	MIL-T-55155/09	M55155/091J05	A-A-59126/09	AA59126/091J05 (AA59126/09105)
1169-38M-08812	MIL-T-55155/09	M55155/092J05	A-A-59126/09	AA59126/092J05 (AA59126/09205)
1169-38M-08813	MIL-T-55155/09	M55155/093J05	A-A-59126/09	AA59126/093J05 (AA59126/09305)
1169-38M-08814	MIL-T-55155/09	M55155/094J05	A-A-59126/09	AA59126/094J05 (AA59126/09405)

Continued on next page...

MILITARY REFERENCE SPECIFICATIONS CONTINUED:

1169-38M-088XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-38M-08815	MIL-T-55155/09	M55155/095J05	A-A-59126/09	AA59126/095J05 (AA59126/09505)
1169-38M-08816	MIL-T-55155/09	M55155/096J05	A-A-59126/09	AA59126/096J05 (AA59126/09605)
1169-38M-08817	MIL-T-55155/09	M55155/097J05	A-A-59126/09	AA59126/097J05 (AA59126/09705)
1169-38M-08818	MIL-T-55155/09	M55155/098J05	A-A-59126/09	AA59126/098J05 (AA59126/09805)
1169-38M-08819	MIL-T-55155/09	M55155/099J05	A-A-59126/09	AA59126/099J05 (AA59126/09905)

1169-38M-095XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-38M-09510	MIL-T-55155/09	M55155/090I05	A-A-59126/09	AA59126/090I05
1169-38M-09511	MIL-T-55155/09	M55155/091I05	A-A-59126/09	AA59126/091I05
1169-38M-09512	MIL-T-55155/09	M55155/092I05	A-A-59126/09	AA59126/092I05
1169-38M-09513	MIL-T-55155/09	M55155/093I05	A-A-59126/09	AA59126/093I05
1169-38M-09514	MIL-T-55155/09	M55155/094I05	A-A-59126/09	AA59126/094I05
1169-38M-09515	MIL-T-55155/09	M55155/095I05	A-A-59126/09	AA59126/095I05
1169-38M-09516	MIL-T-55155/09	M55155/096I05	A-A-59126/09	AA59126/096I05
1169-38M-09517	MIL-T-55155/09	M55155/097I05	A-A-59126/09	AA59126/097I05
1169-38M-09518	MIL-T-55155/09	M55155/098I05	A-A-59126/09	AA59126/098I05
1169-38M-09519	MIL-T-55155/09	M55155/099I05	A-A-59126/09	AA59126/099I05

TOOLING:

INSTALLATION TOOL: ARBOR PRESS	INSTALLATION TOOL: ANVIL (ARBOR PRESS OPERATED)	INSTALLATION TOOL: PRESS-FIT / ROLL SWAGE / RIVET PUNCH (ARBOR PRESS OPERATED)	INSTALLATION TOOL: PRESS-FIT (HAND OPERATED)
N/A	N/A	N/A	N/A

NOTES:

DATASHEET NOTES
NUT PART NO.: 701-7317-02, WASHER PART NO.: 701-7723-02.

INSTRUCTION NOTES
SUPPLIED WITH NICKEL PLATED BRASS HEX NUT (4-40 x 1/4" x 3/32") AND NICKEL PLATED PHOSPHOR BRONZE #4 INTERNAL TOOTH LOCKWASHER.