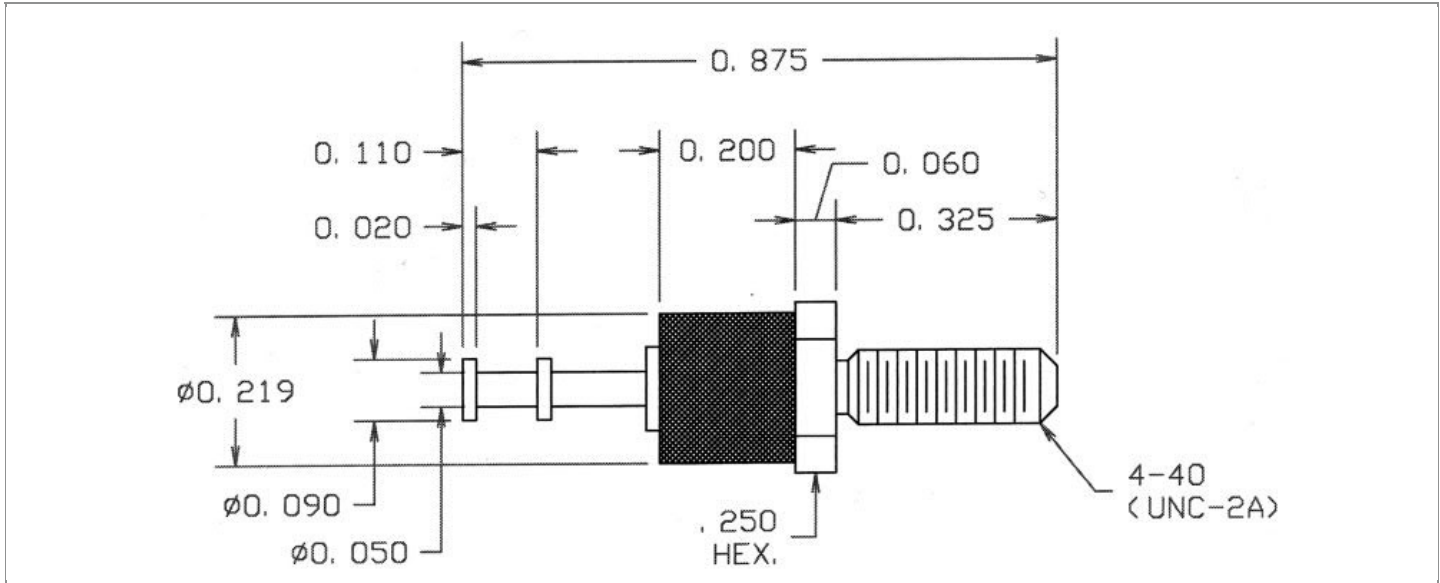


DRAWING NUMBER:	1169-38M-XXXXZ
PRODUCT GROUP:	TERMINALS
SUB-GROUP:	MILITARY INSULATED TERMINALS
DESCRIPTION:	DIALLYL PHTHALATE INSULATED DOUBLE TURRET TERMINAL



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-XXXXZ

COMPONENT	MATERIAL	MATERIAL AND SPECIFICATION
TERMINAL	PHOSPHOR BRONZE	PHOSPHOR BRONZE PER ASTM B139, ALLOY C54400
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-XXXXZ

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-XXXXZ

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-05XXZ

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

1169-38M-088XXZ

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

1169-38M-095XXZ

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

MILITARY REFERENCE SPECIFICATIONS:

1169-38M-05XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-38M-0510Z	MIL-T-55155/09	M55155/090B05 (FT090E05Z)	A-A-59126/09	AA59126/090B05
1169-38M-0511Z	MIL-T-55155/09	M55155/091B05 (FT091E05Z)	A-A-59126/09	AA59126/091B05
1169-38M-0512Z	MIL-T-55155/09	M55155/092B05 (FT092E05Z)	A-A-59126/09	AA59126/092B05
1169-38M-0513Z	MIL-T-55155/09	M55155/093B05 (FT093E05Z)	A-A-59126/09	AA59126/093B05
1169-38M-0514Z	MIL-T-55155/09	M55155/094B05 (FT094E05Z)	A-A-59126/09	AA59126/094B05
1169-38M-0515Z	MIL-T-55155/09	M55155/095B05 (FT095E05Z)	A-A-59126/09	AA59126/095B05
1169-38M-0516Z	MIL-T-55155/09	M55155/096B05 (FT096E05Z)	A-A-59126/09	AA59126/096B05
1169-38M-0517Z	MIL-T-55155/09	M55155/097B05 (FT097E05Z)	A-A-59126/09	AA59126/097B05
1169-38M-0518Z	MIL-T-55155/09	M55155/098B05 (FT098E05Z)	A-A-59126/09	AA59126/098B05
1169-38M-0519Z	MIL-T-55155/09	M55155/099B05 (FT099E05Z)	A-A-59126/09	AA59126/099B05

1169-38M-088XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-38M-08810Z	MIL-T-55155/09	M55155/090D05	A-A-59126/09	AA59126/090D05
1169-38M-08811Z	MIL-T-55155/09	M55155/091D05	A-A-59126/09	AA59126/091D05
1169-38M-08812Z	MIL-T-55155/09	M55155/092D05	A-A-59126/09	AA59126/092D05
1169-38M-08813Z	MIL-T-55155/09	M55155/093D05	A-A-59126/09	AA59126/093D05
1169-38M-08814Z	MIL-T-55155/09	M55155/094D05	A-A-59126/09	AA59126/094D05

Continued on next page...

MILITARY REFERENCE SPECIFICATIONS CONTINUED:

1169-38M-088XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-38M-08815Z	MIL-T-55155/09	M55155/095D05	A-A-59126/09	AA59126/095D05
1169-38M-08816Z	MIL-T-55155/09	M55155/096D05	A-A-59126/09	AA59126/096D05
1169-38M-08817Z	MIL-T-55155/09	M55155/097D05	A-A-59126/09	AA59126/097D05
1169-38M-08818Z	MIL-T-55155/09	M55155/098D05	A-A-59126/09	AA59126/098D05
1169-38M-08819Z	MIL-T-55155/09	M55155/099D05	A-A-59126/09	AA59126/099D05

1169-38M-095XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-38M-09510Z	MIL-T-55155/09	M55155/090C05	A-A-59126/09	AA59126/090C05
1169-38M-09511Z	MIL-T-55155/09	M55155/091C05	A-A-59126/09	AA59126/091C05
1169-38M-09512Z	MIL-T-55155/09	M55155/092C05	A-A-59126/09	AA59126/092C05
1169-38M-09513Z	MIL-T-55155/09	M55155/093C05	A-A-59126/09	AA59126/093C05
1169-38M-09514Z	MIL-T-55155/09	M55155/094C05	A-A-59126/09	AA59126/094C05
1169-38M-09515Z	MIL-T-55155/09	M55155/095C05	A-A-59126/09	AA59126/095C05
1169-38M-09516Z	MIL-T-55155/09	M55155/096C05	A-A-59126/09	AA59126/096C05
1169-38M-09517Z	MIL-T-55155/09	M55155/097C05	A-A-59126/09	AA59126/097C05
1169-38M-09518Z	MIL-T-55155/09	M55155/098C05	A-A-59126/09	AA59126/098C05
1169-38M-09519Z	MIL-T-55155/09	M55155/099C05	A-A-59126/09	AA59126/099C05

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.