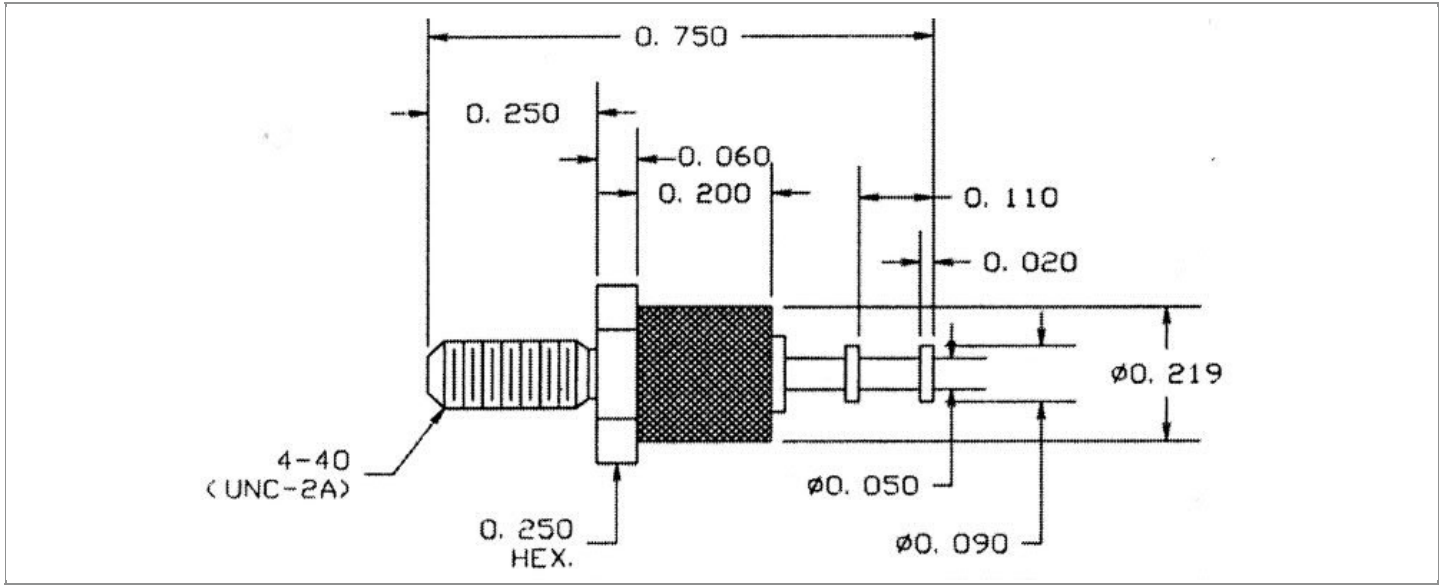


DRAWING NUMBER:	1169-37M-XXXXZ
PRODUCT GROUP:	TERMINALS
SUB-GROUP:	MILITARY INSULATED TERMINALS
DESCRIPTION:	DIALLYL PHTHALATE INSULATED DOUBLE TURRET TERMINAL



PIN DIAMETER	OVERALL LENGTH	MOUNTING ORIENTATION	BOARD / PANEL MOUNTING METHOD
N/A	0.750"	VERTICAL	THREAD MOUNT (4-40 NUT)

BOARD / PANEL THICKNESS	MOUNTING HOLE SIZE	DRILL SIZE	FEED THRU COMBINATION
UP TO 1/8"	0.120" ± 0.002	#31	N/A

PART NO. STRUCTURE:*

1169	-	37M	-	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:

1169-37M-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:

1169-37M-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:

1169-37M-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	12/19/2003	3/1/2017

*All dimensions are in inches.

RoHS COMPLIANCE:

1169-37M-05XXZ

PART NUMBER	RoHS COMPLIANT
1169-37M-0510Z	NO
1169-37M-0511Z	NO
1169-37M-0512Z	NO
1169-37M-0513Z	NO
1169-37M-0514Z	NO
1169-37M-0515Z	NO
1169-37M-0516Z	NO
1169-37M-0517Z	NO
1169-37M-0518Z	NO
1169-37M-0519Z	NO

1169-37M-088XXZ

PART NUMBER	RoHS COMPLIANT
1169-37M-08810Z	NO
1169-37M-08811Z	NO
1169-37M-08812Z	NO
1169-37M-08813Z	NO
1169-37M-08814Z	NO
1169-37M-08815Z	NO
1169-37M-08816Z	NO
1169-37M-08817Z	NO
1169-37M-08818Z	NO
1169-37M-08819Z	NO

1169-37M-095XXZ

PART NUMBER	RoHS COMPLIANT
1169-37M-09510Z	NO
1169-37M-09511Z	NO
1169-37M-09512Z	NO
1169-37M-09513Z	NO
1169-37M-09514Z	NO
1169-37M-09515Z	NO
1169-37M-09516Z	NO
1169-37M-09517Z	NO
1169-37M-09518Z	NO
1169-37M-09519Z	NO

MILITARY REFERENCE SPECIFICATIONS:

1169-37M-05XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-37M-0510Z	MIL-T-55155/09	M55155/090B04 (SE090E04Z)	A-A-59126/09	AA59126/090B04
1169-37M-0511Z	MIL-T-55155/09	M55155/091B04 (SE091E04Z)	A-A-59126/09	AA59126/091B04
1169-37M-0512Z	MIL-T-55155/09	M55155/092B04 (SE092E04Z)	A-A-59126/09	AA59126/092B04
1169-37M-0513Z	MIL-T-55155/09	M55155/093B04 (SE093E04Z)	A-A-59126/09	AA59126/093B04
1169-37M-0514Z	MIL-T-55155/09	M55155/094B04 (SE094E04Z)	A-A-59126/09	AA59126/094B04
1169-37M-0515Z	MIL-T-55155/09	M55155/095B04 (SE095E04Z)	A-A-59126/09	AA59126/095B04
1169-37M-0516Z	MIL-T-55155/09	M55155/096B04 (SE096E04Z)	A-A-59126/09	AA59126/096B04
1169-37M-0517Z	MIL-T-55155/09	M55155/097B04 (SE097E04Z)	A-A-59126/09	AA59126/097B04
1169-37M-0518Z	MIL-T-55155/09	M55155/098B04 (SE098E04Z)	A-A-59126/09	AA59126/098B04
1169-37M-0519Z	MIL-T-55155/09	M55155/099B04 (SE099E04Z)	A-A-59126/09	AA59126/099B04

1169-37M-088XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-37M-08810Z	MIL-T-55155/09	M55155/090D04	A-A-59126/09	AA59126/090D04
1169-37M-08811Z	MIL-T-55155/09	M55155/091D04	A-A-59126/09	AA59126/091D04
1169-37M-08812Z	MIL-T-55155/09	M55155/092D04	A-A-59126/09	AA59126/092D04
1169-37M-08813Z	MIL-T-55155/09	M55155/093D04	A-A-59126/09	AA59126/093D04
1169-37M-08814Z	MIL-T-55155/09	M55155/094D04	A-A-59126/09	AA59126/094D04

Continued on next page...

MILITARY REFERENCE SPECIFICATIONS CONTINUED:

1169-37M-088XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-37M-08815Z	MIL-T-55155/09	M55155/095D04	A-A-59126/09	AA59126/095D04
1169-37M-08816Z	MIL-T-55155/09	M55155/096D04	A-A-59126/09	AA59126/096D04
1169-37M-08817Z	MIL-T-55155/09	M55155/097D04	A-A-59126/09	AA59126/097D04
1169-37M-08818Z	MIL-T-55155/09	M55155/098D04	A-A-59126/09	AA59126/098D04
1169-37M-08819Z	MIL-T-55155/09	M55155/099D04	A-A-59126/09	AA59126/099D04

1169-37M-095XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1169-37M-09510Z	MIL-T-55155/09	M55155/090C04	A-A-59126/09	AA59126/090C04
1169-37M-09511Z	MIL-T-55155/09	M55155/091C04	A-A-59126/09	AA59126/091C04
1169-37M-09512Z	MIL-T-55155/09	M55155/092C04	A-A-59126/09	AA59126/092C04
1169-37M-09513Z	MIL-T-55155/09	M55155/093C04	A-A-59126/09	AA59126/093C04
1169-37M-09514Z	MIL-T-55155/09	M55155/094C04	A-A-59126/09	AA59126/094C04
1169-37M-09515Z	MIL-T-55155/09	M55155/095C04	A-A-59126/09	AA59126/095C04
1169-37M-09516Z	MIL-T-55155/09	M55155/096C04	A-A-59126/09	AA59126/096C04
1169-37M-09517Z	MIL-T-55155/09	M55155/097C04	A-A-59126/09	AA59126/097C04
1169-37M-09518Z	MIL-T-55155/09	M55155/098C04	A-A-59126/09	AA59126/098C04
1169-37M-09519Z	MIL-T-55155/09	M55155/099C04	A-A-59126/09	AA59126/099C04

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.