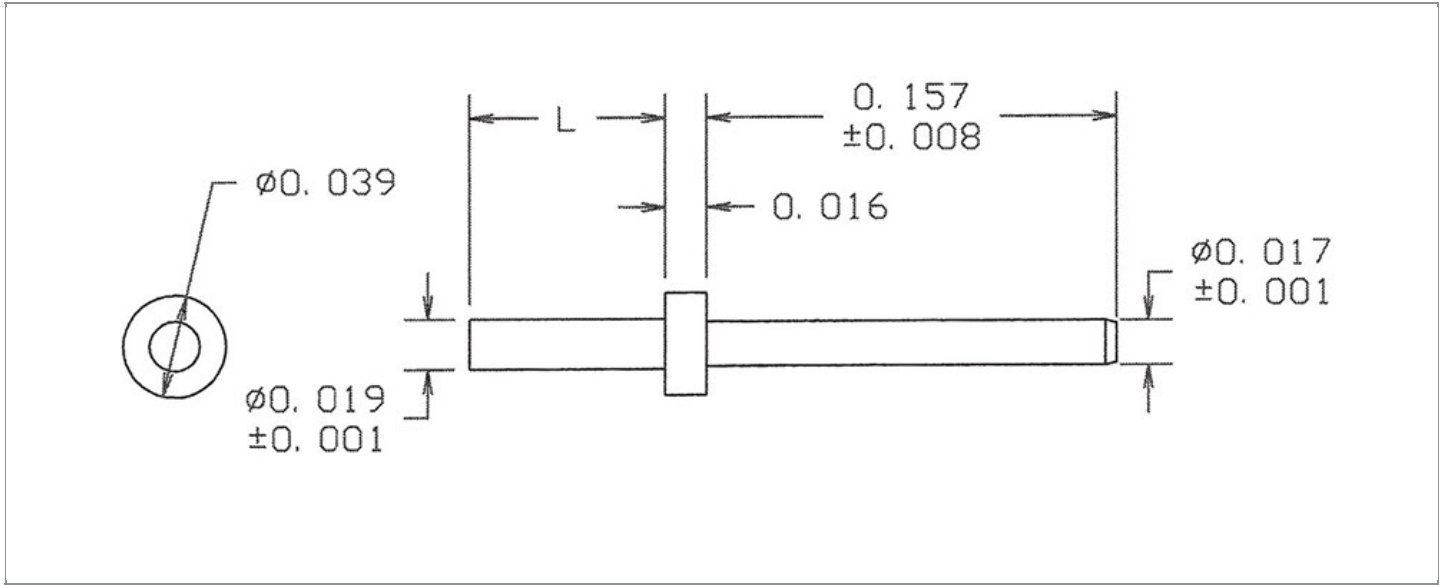


DRAWING NUMBER:	09-8301-X-XX
PRODUCT GROUP:	TERMINALS
SUB-GROUP:	COMMERCIAL NON-INSULATED TERMINALS
DESCRIPTION:	NON-INSULATED PC PIN TERMINAL



BOARD / PANEL MOUNTING METHOD	MOUNTING HOLE SIZE	DRILL SIZE	FEED THRU COMBINATION
SOLDER	0.0225" ± 0.001	#74	N/A

PART NO. STRUCTURE:

09-8301 - X - XX
 PART SERIES DIMENSION FINISH

MATERIAL OPTIONS:

09-8301-X-XX

COMPONENT	MATERIAL	MATERIAL AND SPECIFICATION
TERMINAL	BRASS	BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD

DIMENSION OPTIONS:

09-8301-X-XX

DIMENSION	A	D	PIN DIAMETER	OVERALL LENGTH	SHANK LENGTH (L)	BOARD/PANEL THICKNESS
1	N/A	N/A	0.017" ± 0.001	0.234"	0.061"	1/64" TO 1/32"
2	N/A	N/A	0.017" ± 0.001	0.248"	0.075"	1/64" TO 3/64"
11	N/A	N/A	0.017" ± 0.001	0.208"	0.035"	1/64"

FINISH - PLATING OPTIONS:

09-8301-X-**XX**

FINISH CODE	COMPONENT	FINISH	FINISH AND SPECIFICATION
01	TERMINAL	SILVER	0.000300"MIN. SILVER PER ASTM B700, TYPE 2, GRADE D WITH A NON-CHROMATE PRESERVATIVE TREATMENT
03	TERMINAL	GOLD	0.000010"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000050"MIN. NICKEL PER SAE-AMS-QQ-N-290
035	TERMINAL	GOLD	0.000050"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000050"MIN. NICKEL PER SAE-AMS-QQ-N-290
04	TERMINAL	ELECTRO-TIN	0.000300"MIN. ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418
044	TERMINAL	BRIGHT ELECTRO-TIN	0.000300"MIN. BRIGHT ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418
05	TERMINAL	ELECTRO-SOLDER	0.000300"MIN. ELECTRO-SOLDER PER SAE-AMS-P-81728 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418
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

TOLERANCES:*

DECIMAL	FRACTIONAL	ANGULAR	DRAWING ORIGATION DATE	LAST MODIFICATION DATE
± 0.003	± 0.010	± 5 °	12/18/1987	3/1/2017

*All dimensions are in inches.

RoHS COMPLIANCE:

09-8301-1-XX

PART NUMBER	RoHS COMPLIANT
09-8301-1-01	YES
09-8301-1-03	YES
09-8301-1-035	YES
09-8301-1-04	YES
09-8301-1-044	YES
09-8301-1-05	NO
09-8301-1-088	NO

09-8301-2-XX

PART NUMBER	RoHS COMPLIANT
09-8301-2-01	YES
09-8301-2-03	YES
09-8301-2-035	YES
09-8301-2-04	YES
09-8301-2-044	YES
09-8301-2-05	NO
09-8301-2-088	NO

09-8301-11-XX

PART NUMBER	RoHS COMPLIANT
09-8301-11-01	YES
09-8301-11-03	YES
09-8301-11-035	YES
09-8301-11-04	YES
09-8301-11-044	YES
09-8301-11-05	NO
09-8301-11-088	NO

TOOLING:

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

NOTES:

DATASHEET NOTES
N/A

Continued on next page...

NOTES CONTINUED:

INSTRUCTION NOTES

N/A