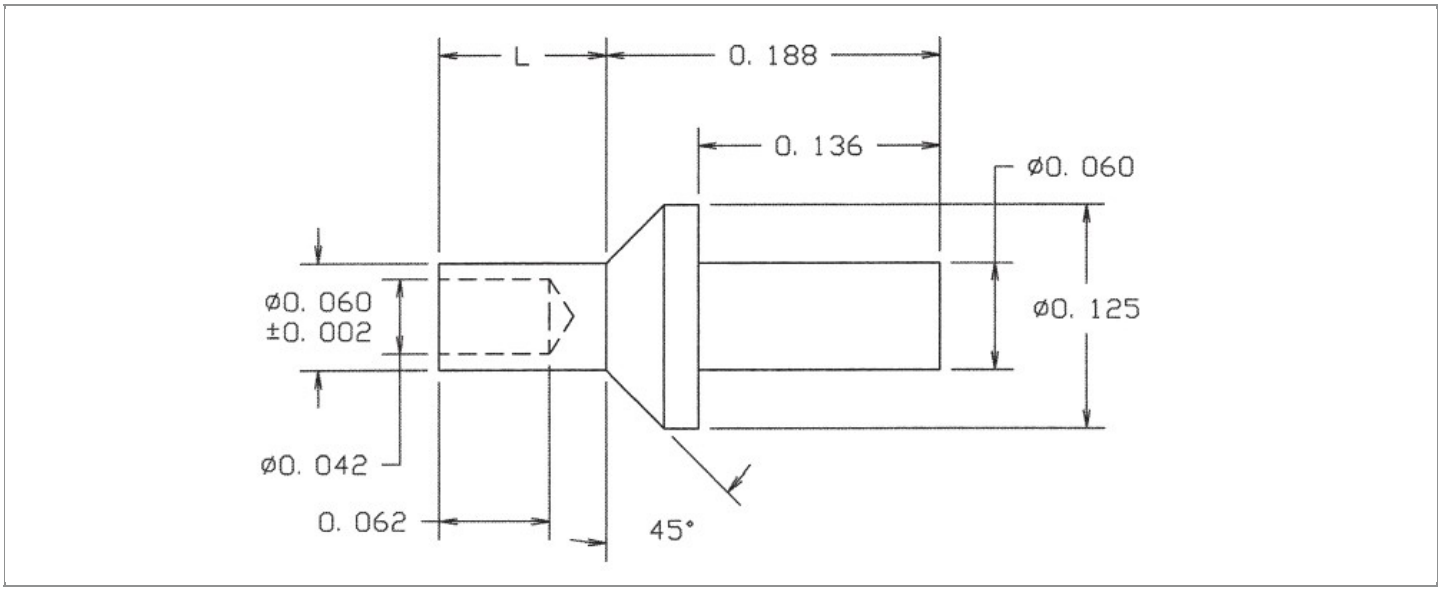
DRAWING NUMBER:	**10-902-X-XX**
PRODUCT GROUP:	TERMINALS
SUB-GROUP:	COMMERCIAL NON-INSULATED TERMINALS
DESCRIPTION:	NON-INSULATED PC PIN TERMINAL

CONCORD ELECTRONICS
Precision-machined Engineering Solutions



BOARD / PANEL MOUNTING METHOD	MOUNTING HOLE SIZE	DRILL SIZE	FEED THRU COMBINATION
SWAGE MOUNT	0.064" ± 0.001	#52	N/A

PART NO. STRUCTURE:

10-902	-	X	-	XX
PART SERIES		DIMENSION		FINISH

MATERIAL OPTIONS:

10-902-X-XX

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

DIMENSION OPTIONS:

10-902-X-XX

DIMENSION	A	D	PIN DIAMETER	OVERALL LENGTH	SHANK LENGTH (L)	BOARD/PANEL THICKNESS
1	N/A	N/A	0.060" ± 0.005	0.250"	0.062"	1/32"
2	N/A	N/A	0.060" ± 0.005	0.282"	0.094"	1/16"
3	N/A	N/A	0.060" ± 0.005	0.313"	0.125"	3/32"
4	N/A	N/A	0.060" ± 0.005	0.344"	0.156"	1/8"

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FINISH - PLATING OPTIONS:

10-902-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
± 0.005	± 1/64	± 5 °

DRAWING ORIGINATION DATE	LAST MODIFICATION DATE
4/24/2001	3/1/2017

*All dimensions are in inches.

RoHS COMPLIANCE:

10-902-1-XX

PART NUMBER	RoHS COMPLIANT
10-902-1-01	YES
10-902-1-03	YES
10-902-1-035	YES
10-902-1-04	YES
10-902-1-044	YES
10-902-1-05	NO
10-902-1-088	NO

10-902-2-XX

PART NUMBER	RoHS COMPLIANT
10-902-2-01	YES
10-902-2-03	YES
10-902-2-035	YES
10-902-2-04	YES
10-902-2-044	YES
10-902-2-05	NO
10-902-2-088	NO

10-902-3-XX

PART NUMBER	RoHS COMPLIANT
10-902-3-01	YES
10-902-3-03	YES
10-902-3-035	YES
10-902-3-04	YES
10-902-3-044	YES
10-902-3-05	NO
10-902-3-088	NO

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RoHS COMPLIANCE CONTINUED:

10-902-4-XX

PART NUMBER	RoHS COMPLIANT
10-902-4-01	YES
10-902-4-03	YES
10-902-4-035	YES
10-902-4-04	YES
10-902-4-044	YES
10-902-4-05	NO
10-902-4-088	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)
TM1	TA125-63-20	TP62-44	TFLP90-150

NOTES:

DATASHEET NOTES
N/A

INSTRUCTION NOTES
SEE GENERAL SWAGING INSTALLATION INSTRUCTION ON CONCORD ELECTRONICS' WEBSITE WWW.CONCORD-ELECTRONICS.COM.

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