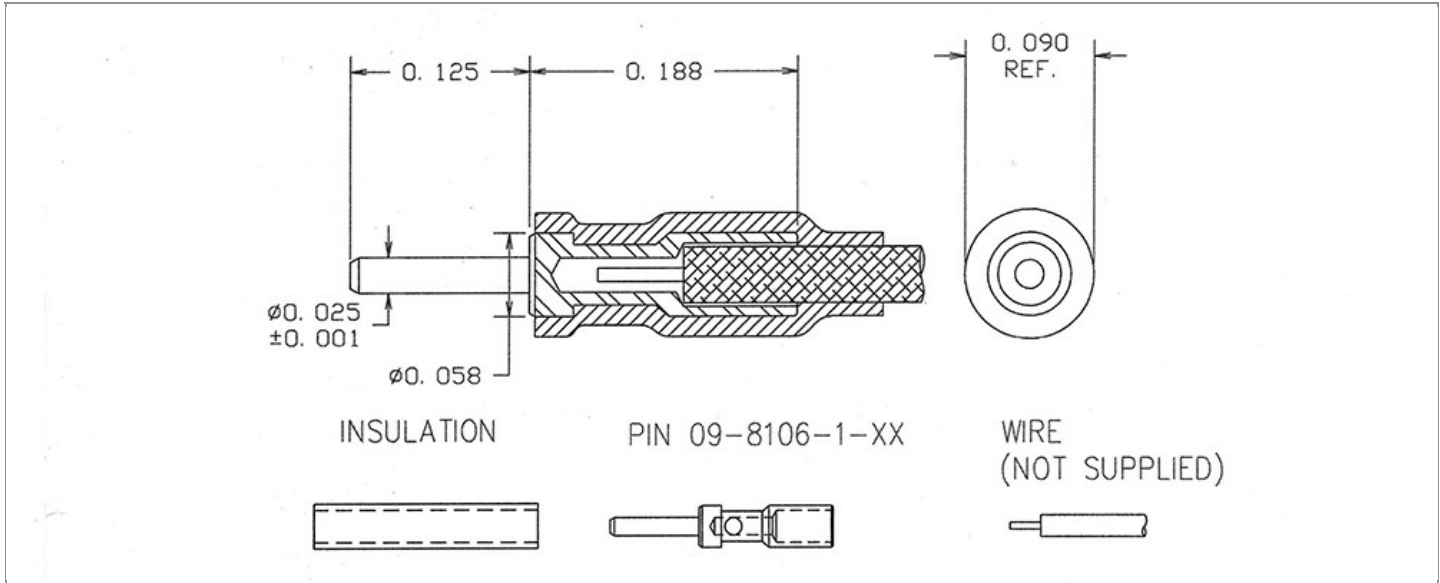


DRAWING NUMBER:	09-0007-1-XXXX
PRODUCT GROUP:	TERMINALS
SUB-GROUP:	COMMERCIAL INSULATED WIRE APPLIED PIN TERMINALS
DESCRIPTION:	INSULATED PIN TERMINAL, CRIMP BARREL



CABLE / WIRE SIZE	PIN DIAMETER	OVERALL LENGTH	MIN. HOLE DEPTH
28 AWG	0.025" ± 0.001	0.313"	0.165"

PART NO. STRUCTURE:

09-0007	-	1	-	XX	XX
PART SERIES		DIMENSION		FINISH	INSULATION COLOR

MATERIAL OPTIONS:

09-0007-1-XXXX		
COMPONENT	MATERIAL	MATERIAL AND SPECIFICATION
INSULATION*	POLYOLEFIN	POLYOLEFIN PER AMS-DTL-23053/5 CLASS 1
PIN	BRASS	BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD

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

FINISH - PLATING OPTIONS:

09-0007-1-XXXX			
FINISH CODE	COMPONENT	FINISH	FINISH AND SPECIFICATION
03	PIN	GOLD	0.000010"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000050"MIN. NICKEL PER SAE-AMS-QQ-N-290
035	PIN	GOLD	0.000050"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000050"MIN. NICKEL PER SAE-AMS-QQ-N-290
04	PIN	ELECTRO-TIN	0.000300"MIN. ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418

Continued on next page...

FINISH - PLATING OPTIONS CONTINUED:

09-0007-1-**XX**XX

FINISH CODE	COMPONENT	FINISH	FINISH AND SPECIFICATION
044	PIN	BRIGHT ELECTRO-TIN	0.000300"MIN. BRIGHT ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418
05	PIN	ELECTRO-SOLDER	0.000300"MIN. ELECTRO-SOLDER PER SAE-AMS-P-81728 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418
088	PIN	BRIGHT TIN-LEAD	0.000300"MIN. BRIGHT TIN-LEAD (Sn93%-Pb7%) PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418

INSULATION COLOR OPTIONS:

09-0007-1-XX**XX**

INSULATION COLOR	BLACK
COLOR CODE NO.	10

TOLERANCES:*

DECIMAL	FRACTIONAL	ANGULAR	DRAWING ORIGATION DATE	LAST MODIFICATION DATE
± 0.005	N/A	N/A	3/28/2002	3/1/2017

*All dimensions are in inches.

RoHS COMPLIANCE:

09-0007-1-XXXX

PART NUMBER	RoHS COMPLIANT
09-0007-1-0310	YES
09-0007-1-03510	YES
09-0007-1-0410	YES
09-0007-1-04410	YES
09-0007-1-0510	NO
09-0007-1-08810	NO

TOOLING:

CRIMPING TOOL (COMMERCIAL VERSION)
CONTACT CONCORD ELECTRONICS

NOTES:

DATASHEET NOTES
RECOMMENDED WIRE FOR CRIMPING: 28 AWG, 7 STRAND, NO. 36 COPPER WIRE, PTFE INSULATED, 0.039" MAX. DIAMETER OVER INSULATION. MINIMUM HOLE DEPTH: 0.165".

Continued on next page...

NOTES CONTINUED:

INSTRUCTION NOTES

STRIP 0.078" LENGTH OF 28 AWG WIRE AND INSERT IT INTO END HOLE OF PIN. CRIMP BARREL AND SOLDER THRU SIDE HOLE. WIPE OFF EXCESS SOLDER. SLIDE INSULATION SLEEVE OVER BARREL SO AS EXTEND UP TO, BUT NOT TO COVER BARREL PORTION. HEAT AT 275°F FOR APPROXIMATELY 1 MINUTE.