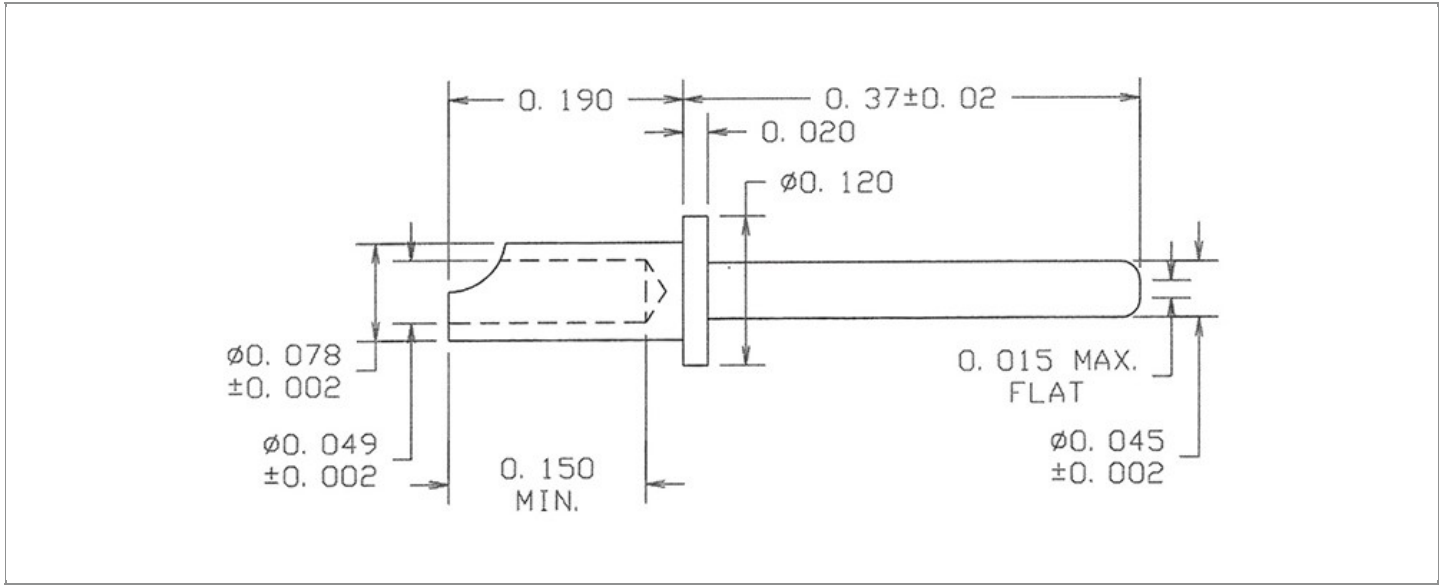


<b>DRAWING NUMBER:</b>	<b>09-0248-5-XX</b>
<b>PRODUCT GROUP:</b>	TERMINALS
<b>SUB-GROUP:</b>	COMMERCIAL NON-INSULATED WIRE APPLIED PIN TERMINALS
<b>DESCRIPTION:</b>	NON-INSULATED PIN TERMINAL WITH SOLDER CUP



CABLE / WIRE SIZE	PIN DIAMETER	OVERALL LENGTH	MIN. HOLE DEPTH
22 AWG	0.045" ± 0.002	0.560"	0.165"

**PART NO. STRUCTURE:**

<b>09-0248</b>	-	<b>5</b>	-	<b>XX</b>
PART SERIES		DIMENSION		FINISH

**MATERIAL OPTIONS:**

**09-0248-5-XX**

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

**FINISH - PLATING OPTIONS:**

**09-0248-5-XX**

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
044	PIN	BRIGHT ELECTRO-TIN	0.000300"MIN. BRIGHT ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418

Continued on next page...

FINISH - PLATING OPTIONS CONTINUED:

09-0248-5-XX

FINISH CODE	COMPONENT	FINISH	FINISH AND SPECIFICATION
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

TOLERANCES:\*

DECIMAL	FRACTIONAL	ANGULAR	DRAWING ORIGATION DATE	LAST MODIFICATION DATE
± 0.005	± 1/64	± 5°	7/17/2001	3/1/2017

\*All dimensions are in inches.

RoHS COMPLIANCE:

09-0248-5-XX

PART NUMBER	RoHS COMPLIANT
09-0248-5-03	YES
09-0248-5-035	YES
09-0248-5-04	YES
09-0248-5-044	YES
09-0248-5-05	NO
09-0248-5-088	NO

TOOLING:

<b>CRIMPING TOOL (COMMERCIAL VERSION)</b>
N/A

NOTES:

<b>DATASHEET NOTES</b> RECOMMENDED WIRE FOR SOLDERING: 22 AWG, 7 STRAND, NO. 30 COPPER WIRE, PTFE INSULATED. MINIMUM HOLE DEPTH: 0.165".
<b>INSTRUCTION NOTES</b> STRIP INSULATION OF 22 AWG WIRE TO LENGTH OF MIN. HOLE DEPTH OF BARREL AND INSERT IT INTO END HOLE OF PIN AND SOLDER.