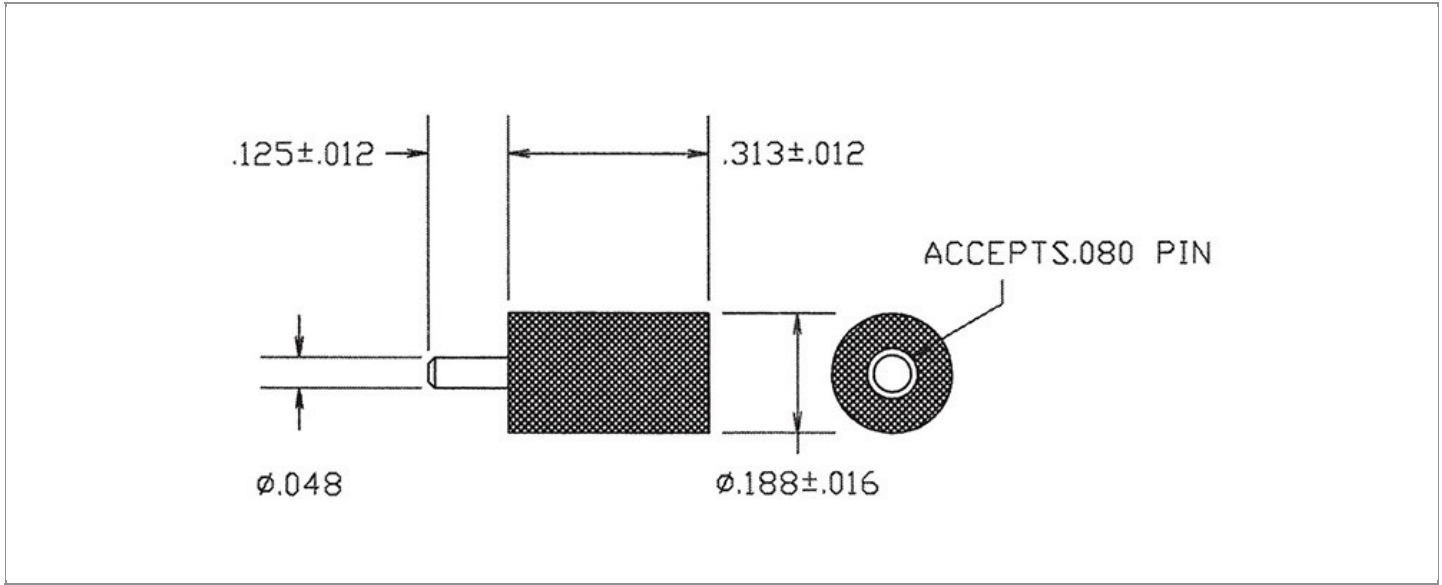


DRAWING NUMBER:	09-9221-1-XXXX
PRODUCT GROUP:	PC JACKS
SUB-GROUP:	INSULATED PC JACKS
DESCRIPTION:	TEST POINT INSULATED JACK - VERTICAL MOUNT



ACCEPTS PIN / PLUG / JACK SIZE	OVERALL LENGTH	MIN. HOLE DEPTH	MOUNTING ORIENTATION
0.080" ± 0.001	0.438"	0.233"	VERTICAL
BOARD / PANEL MOUNTING METHOD	MOUNTING HOLE SIZE	BOARD / PANEL THICKNESS	FEED THRU COMBINATION
SOLDER	0.050" ± 0.002	1/32" - 1/16"	JACK/PIN

PART NO. STRUCTURE:

09-9221	-	1	-	XX	XX
PART SERIES		DIMENSION		FINISH	INSULATION COLOR

MATERIAL OPTIONS:

09-9221-1-XXXX

COMPONENT	MATERIAL	MATERIAL AND SPECIFICATION
BODY	BRASS	BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD
SPRING (CAGE)	BERYLLIUM COPPER	BERYLLIUM COPPER PER ASTM B194, ALLOY C17200
INSULATION*	NYLON	NYLON PER ASTM D4066
MOUNTING BRACKET	N/A	N/A

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

FINISH - PLATING OPTIONS:

09-9221-1-XXXX

FINISH CODE	COMPONENT	FINISH	FINISH AND SPECIFICATION
01	BODY	SILVER	0.000100"MIN. SILVER PER ASTM B700, TYPE 2, GRADE D WITH A NON-CHROMATE PRESERVATIVE TREATMENT
	SPRING (CAGE)	SILVER	0.000300"MIN. SILVER PER ASTM B700, TYPE 2, GRADE D
	MOUNTING BRACKET	N/A	N/A
03	BODY	GOLD	0.000010"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2
	SPRING (CAGE)	GOLD	0.000030"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2
	MOUNTING BRACKET	N/A	N/A
035	BODY	GOLD	0.000020"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2
	SPRING (CAGE)	GOLD	0.000050"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2
	MOUNTING BRACKET	N/A	N/A
04	BODY	ELECTRO-TIN	0.000100"MIN. ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2
	SPRING (CAGE)	BRIGHT ELECTRO-TIN	0.000200"MIN. BRIGHT ELECTRO-TIN PER ASTM B545 OVER 0.000050"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2
	MOUNTING BRACKET	N/A	N/A
044	BODY	BRIGHT TIN-LEAD	0.000200"MIN. BRIGHT ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2
	SPRING (CAGE)	BRIGHT ELECTRO-TIN	0.000200"MIN. BRIGHT ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2
	MOUNTING BRACKET	N/A	N/A

INSULATION COLOR OPTIONS:

09-9221-1-XXXX

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 ORIENTATION DATE	LAST MODIFICATION DATE
± 0.010	± 1/64	N/A	2/21/1996	1/1/2017

*All dimensions are in inches.

RoHS COMPLIANCE:

09-9221-1-01XX

PART NUMBER	RoHS COMPLIANT
09-9221-1-0110	YES
09-9221-1-0111	YES
09-9221-1-0112	YES
09-9221-1-0113	YES
09-9221-1-0114	YES
09-9221-1-0115	YES
09-9221-1-0116	YES
09-9221-1-0117	YES
09-9221-1-0118	YES
09-9221-1-0119	YES

09-9221-1-03XX

PART NUMBER	RoHS COMPLIANT
09-9221-1-0310	YES
09-9221-1-0311	YES
09-9221-1-0312	YES
09-9221-1-0313	YES
09-9221-1-0314	YES
09-9221-1-0315	YES
09-9221-1-0316	YES
09-9221-1-0317	YES
09-9221-1-0318	YES
09-9221-1-0319	YES

09-9221-1-035XX

PART NUMBER	RoHS COMPLIANT
09-9221-1-03510	YES
09-9221-1-03511	YES
09-9221-1-03512	YES
09-9221-1-03513	YES
09-9221-1-03514	YES
09-9221-1-03515	YES
09-9221-1-03516	YES
09-9221-1-03517	YES
09-9221-1-03518	YES
09-9221-1-03519	YES

09-9221-1-04XX

PART NUMBER	RoHS COMPLIANT
09-9221-1-0410	YES
09-9221-1-0411	YES
09-9221-1-0412	YES
09-9221-1-0413	YES
09-9221-1-0414	YES
09-9221-1-0415	YES
09-9221-1-0416	YES
09-9221-1-0417	YES
09-9221-1-0418	YES
09-9221-1-0419	YES

09-9221-1-044XX

PART NUMBER	RoHS COMPLIANT
09-9221-1-04410	YES
09-9221-1-04411	YES
09-9221-1-04412	YES
09-9221-1-04413	YES
09-9221-1-04414	YES
09-9221-1-04415	YES
09-9221-1-04416	YES
09-9221-1-04417	YES
09-9221-1-04418	YES
09-9221-1-04419	YES

MILITARY REFERENCE SPECIFICATIONS:

09-9221-1-01XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER
09-9221-1-0110	N/A	N/A
09-9221-1-0111	N/A	N/A
09-9221-1-0112	N/A	N/A
09-9221-1-0113	N/A	N/A
09-9221-1-0114	N/A	N/A
09-9221-1-0115	N/A	N/A
09-9221-1-0116	N/A	N/A

09-9221-1-03XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER
09-9221-1-0310	N/A	N/A
09-9221-1-0311	N/A	N/A
09-9221-1-0312	N/A	N/A
09-9221-1-0313	N/A	N/A
09-9221-1-0314	N/A	N/A
09-9221-1-0315	N/A	N/A
09-9221-1-0316	N/A	N/A

Continued on next page...

MILITARY REFERENCE SPECIFICATIONS CONTINUED:

09-9221-1-01XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER
09-9221-1-0117	N/A	N/A
09-9221-1-0118	N/A	N/A
09-9221-1-0119	N/A	N/A

09-9221-1-03XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER
09-9221-1-0317	N/A	N/A
09-9221-1-0318	N/A	N/A
09-9221-1-0319	N/A	N/A

09-9221-1-035XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER
09-9221-1-03510	N/A	N/A
09-9221-1-03511	N/A	N/A
09-9221-1-03512	N/A	N/A
09-9221-1-03513	N/A	N/A
09-9221-1-03514	N/A	N/A
09-9221-1-03515	N/A	N/A
09-9221-1-03516	N/A	N/A
09-9221-1-03517	N/A	N/A
09-9221-1-03518	N/A	N/A
09-9221-1-03519	N/A	N/A

09-9221-1-04XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER
09-9221-1-0410	N/A	N/A
09-9221-1-0411	N/A	N/A
09-9221-1-0412	N/A	N/A
09-9221-1-0413	N/A	N/A
09-9221-1-0414	N/A	N/A
09-9221-1-0415	N/A	N/A
09-9221-1-0416	N/A	N/A
09-9221-1-0417	N/A	N/A
09-9221-1-0418	N/A	N/A
09-9221-1-0419	N/A	N/A

09-9221-1-044XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER
09-9221-1-04410	N/A	N/A
09-9221-1-04411	N/A	N/A
09-9221-1-04412	N/A	N/A
09-9221-1-04413	N/A	N/A
09-9221-1-04414	N/A	N/A
09-9221-1-04415	N/A	N/A
09-9221-1-04416	N/A	N/A
09-9221-1-04417	N/A	N/A
09-9221-1-04418	N/A	N/A
09-9221-1-04419	N/A	N/A

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)	CRIMPING TOOL (COMMERCIAL VERSION)
N/A	N/A	N/A	N/A	N/A

NOTES:

DATASHEET NOTES

CLOSED ENTRY CAGE.

INSTRUCTION NOTES

N/A
