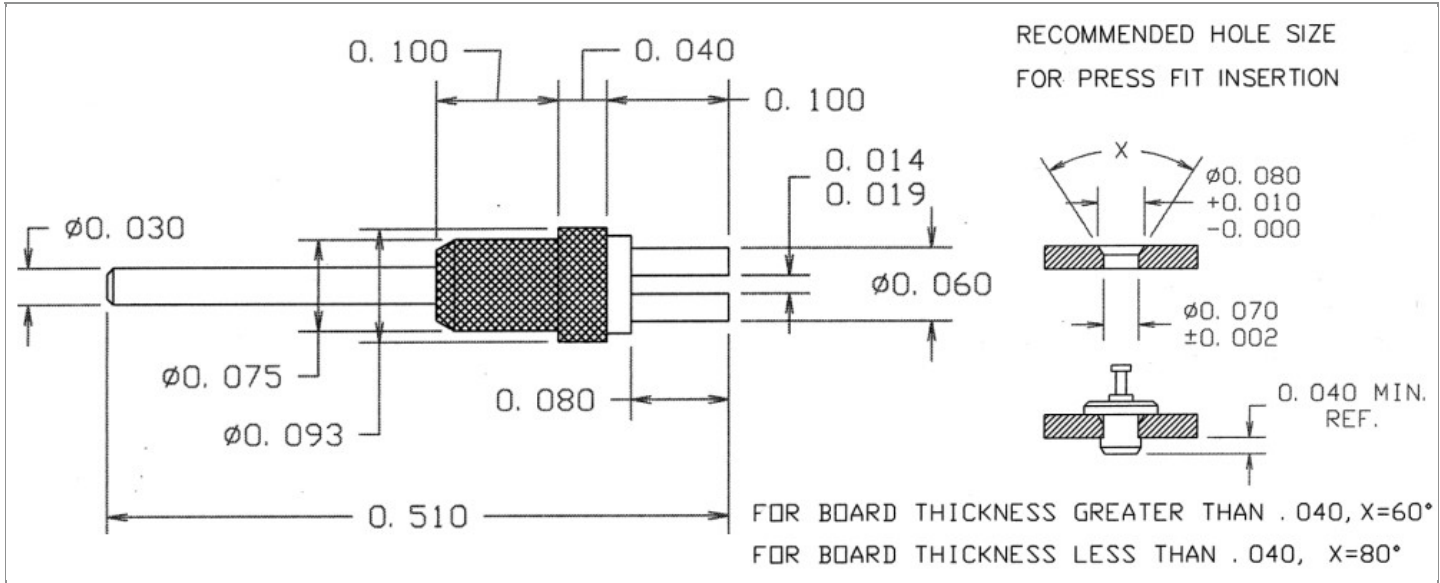


<b>DRAWING NUMBER:</b>	<b>09-2105-1-XXXX</b>
<b>PRODUCT GROUP:</b>	TERMINALS
<b>SUB-GROUP:</b>	COMMERCIAL INSULATED TERMINALS
<b>DESCRIPTION:</b>	PTFE INSULATED FEED THRU (PIN/SLOTTED) TERMINAL



OVERALL LENGTH	PIN DIAMETER	FEED THRU COMBINATION	BOARD / PANEL MOUNTING METHOD
0.510"	0.030" ± 0.005	PIN/SLOTTED	PRESS FIT

SHANK LENGTH (L)	BOARD / PANEL THICKNESS	MOUNTING HOLE SIZE	DRILL SIZE
N/A	UP TO 1/16"	0.070" ± 0.002	#50

**PART NO. STRUCTURE:**

<b>09-2105</b>	-	<b>1</b>	-	<b>XX</b>	<b>XX</b>
PART SERIES		DIMENSION		FINISH	INSULATION COLOR

**MATERIAL OPTIONS:**

**09-2105-1-XXXX**

COMPONENT	MATERIAL	MATERIAL AND SPECIFICATION
<b>TERMINAL</b>	BRASS	BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD
<b>BASE/METAL SLEEVE</b>	N/A	N/A
<b>INSULATION*</b>	PTFE	PTFE PER ASTM D1710
<b>NUT</b>	N/A	N/A
<b>WASHER</b>	N/A	N/A

\*For Insulation color, please see INSULATION COLOR OPTIONS on Page 3

## FINISH - PLATING OPTIONS:

09-2105-1-XXXX

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
	BASE/METAL SLEEVE	N/A	N/A
	NUT	N/A	N/A
	WASHER	N/A	N/A
03	TERMINAL	GOLD	0.00010"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	BASE/METAL SLEEVE	N/A	N/A
	NUT	N/A	N/A
	WASHER	N/A	N/A
04	TERMINAL	ELECTRO-TIN	0.000300"MIN. ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	BASE/METAL SLEEVE	N/A	N/A
	NUT	N/A	N/A
	WASHER	N/A	N/A
044	TERMINAL	BRIGHT ELECTRO-TIN	0.000300"MIN. BRIGHT ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	BASE/METAL SLEEVE	N/A	N/A
	NUT	N/A	N/A
	WASHER	N/A	N/A
05	TERMINAL	ELECTRO-SOLDER	0.000300"MIN. ELECTRO-SOLDER PER SAE-AMS-P-81728 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	BASE/METAL SLEEVE	N/A	N/A
	NUT	N/A	N/A
	WASHER	N/A	N/A
088	TERMINAL	BRIGHT TIN-LEAD	0.000300"MIN. BRIGHT TIN-LEAD (Sn93%-Pb7%) PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	BASE/METAL SLEEVE	N/A	N/A
	NUT	N/A	N/A
	WASHER	N/A	N/A

INSULATION COLOR OPTIONS:

09-2105-1-XX **XX**

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 ORIGATION DATE	LAST MODIFICATION DATE
± 0.005	± 1/64	± 5 °	3/8/2000	3/1/2017

\*All dimensions are in inches.

RoHS COMPLIANCE:

09-2105-1-01XX

PART NUMBER	RoHS COMPLIANT
09-2105-1-0110	YES
09-2105-1-0111	NO
09-2105-1-0112	NO
09-2105-1-0113	NO
09-2105-1-0114	NO
09-2105-1-0115	YES
09-2105-1-0116	YES
09-2105-1-0117	YES
09-2105-1-0118	NO
09-2105-1-0119	YES

09-2105-1-03XX

PART NUMBER	RoHS COMPLIANT
09-2105-1-0310	YES
09-2105-1-0311	NO
09-2105-1-0312	NO
09-2105-1-0313	NO
09-2105-1-0314	NO
09-2105-1-0315	YES
09-2105-1-0316	YES
09-2105-1-0317	YES
09-2105-1-0318	NO
09-2105-1-0319	YES

09-2105-1-04XX

PART NUMBER	RoHS COMPLIANT
09-2105-1-0410	YES
09-2105-1-0411	NO
09-2105-1-0412	NO
09-2105-1-0413	NO
09-2105-1-0414	NO
09-2105-1-0415	YES
09-2105-1-0416	YES
09-2105-1-0417	YES
09-2105-1-0418	NO
09-2105-1-0419	YES

09-2105-1-044XX

PART NUMBER	RoHS COMPLIANT
09-2105-1-04410	YES
09-2105-1-04411	NO
09-2105-1-04412	NO
09-2105-1-04413	NO
09-2105-1-04414	NO
09-2105-1-04415	YES
09-2105-1-04416	YES
09-2105-1-04417	YES
09-2105-1-04418	NO
09-2105-1-04419	YES

09-2105-1-05XX

PART NUMBER	RoHS COMPLIANT
09-2105-1-0510	NO
09-2105-1-0511	NO
09-2105-1-0512	NO
09-2105-1-0513	NO
09-2105-1-0514	NO
09-2105-1-0515	NO
09-2105-1-0516	NO
09-2105-1-0517	NO
09-2105-1-0518	NO
09-2105-1-0519	NO

09-2105-1-088XX

PART NUMBER	RoHS COMPLIANT
09-2105-1-08810	NO
09-2105-1-08811	NO
09-2105-1-08812	NO
09-2105-1-08813	NO
09-2105-1-08814	NO
09-2105-1-08815	NO
09-2105-1-08816	NO
09-2105-1-08817	NO
09-2105-1-08818	NO
09-2105-1-08819	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: PRESS-FIT (HAND OPERATED)
TM1	TA09-2105	TPI09-2105	TTI09-2105

NOTES:

DATASHEET NOTES
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N/A

INSTRUCTION NOTES
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SEE GENERAL PRESS FIT INSTALLATION INSTRUCTION ON CONCORD ELECTRONICS' WEBSITE [WWW.CONCORD-ELECTRONICS.COM](http://WWW.CONCORD-ELECTRONICS.COM).