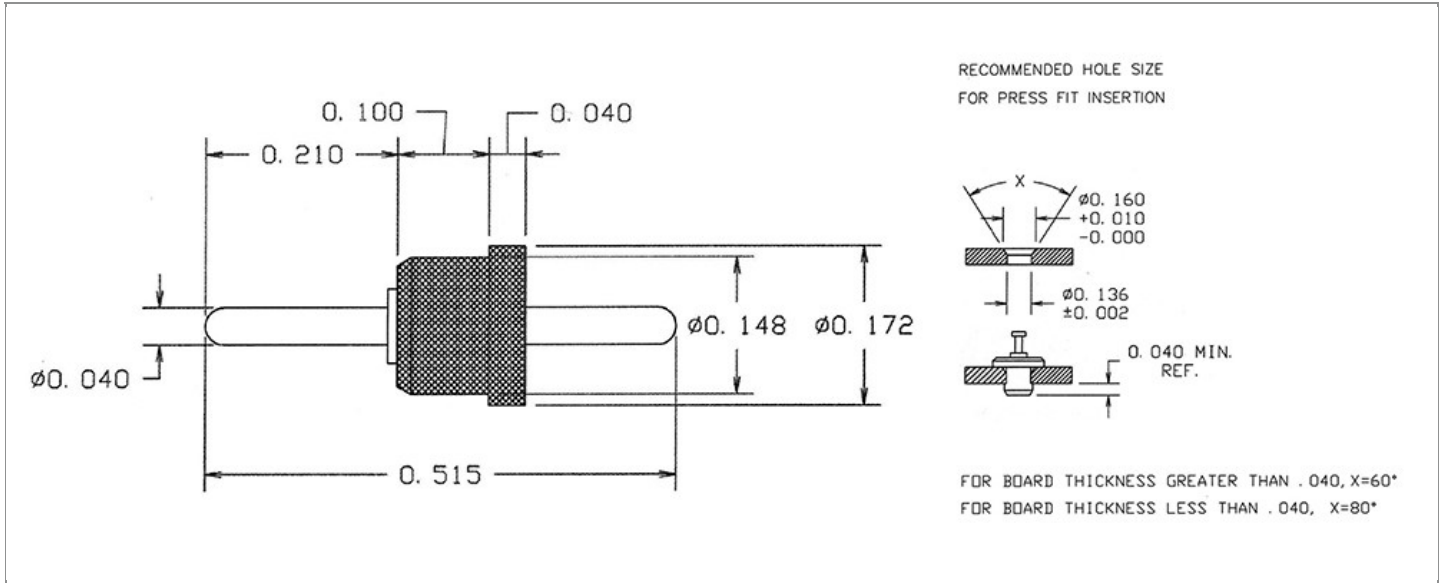


<b>DRAWING NUMBER:</b>	<b>1110R-21-XXXX</b>
<b>PRODUCT GROUP:</b>	TERMINALS
<b>SUB-GROUP:</b>	COMMERCIAL INSULATED TERMINALS
<b>DESCRIPTION:</b>	PTFE INSULATED FEED THRU (PIN/PIN) TERMINAL



OVERALL LENGTH	PIN DIAMETER	FEED THRU COMBINATION	BOARD / PANEL MOUNTING METHOD
0.515"	0.040" ± 0.005	PIN/PIN	PRESS FIT

SHANK LENGTH (L)	BOARD / PANEL THICKNESS	MOUNTING HOLE SIZE	DRILL SIZE
N/A	UP TO 1/16"	0.136" ± 0.002	#29

**PART NO. STRUCTURE:**

<b>1110R</b>	-	<b>21</b>	-	<b>XX</b>	<b>XX</b>
PART SERIES		DIMENSION		FINISH	INSULATION COLOR

**MATERIAL OPTIONS:**

**1110R-21-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:

1110R-21-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:

1110R-21-XX **XX**

INSULATION COLOR	BLACK	BROWN	RED	ORANGE	YELLOW	GREEN	BLUE	VIOLET	GRAY	WHITE
COLOR CODE NO.	10	11	12	13	14	15	16	17	18	19

TOLERANCES:\*

DECIMAL	FRACTIONAL	ANGULAR	DRAWING ORIGATION DATE	LAST MODIFICATION DATE
± 0.005	± 1/64	± 5 °	7/27/2000	3/1/2017

\*All dimensions are in inches.

RoHS COMPLIANCE:

1110R-21-01XX

PART NUMBER	RoHS COMPLIANT
1110R-21-0110	YES
1110R-21-0111	NO
1110R-21-0112	NO
1110R-21-0113	NO
1110R-21-0114	NO
1110R-21-0115	YES
1110R-21-0116	YES
1110R-21-0117	YES
1110R-21-0118	NO
1110R-21-0119	YES

1110R-21-03XX

PART NUMBER	RoHS COMPLIANT
1110R-21-0310	YES
1110R-21-0311	NO
1110R-21-0312	NO
1110R-21-0313	NO
1110R-21-0314	NO
1110R-21-0315	YES
1110R-21-0316	YES
1110R-21-0317	YES
1110R-21-0318	NO
1110R-21-0319	YES

1110R-21-04XX

PART NUMBER	RoHS COMPLIANT
1110R-21-0410	YES
1110R-21-0411	NO
1110R-21-0412	NO
1110R-21-0413	NO
1110R-21-0414	NO
1110R-21-0415	YES
1110R-21-0416	YES
1110R-21-0417	YES
1110R-21-0418	NO
1110R-21-0419	YES

1110R-21-044XX

PART NUMBER	RoHS COMPLIANT
1110R-21-04410	YES
1110R-21-04411	NO
1110R-21-04412	NO
1110R-21-04413	NO
1110R-21-04414	NO
1110R-21-04415	YES
1110R-21-04416	YES
1110R-21-04417	YES
1110R-21-04418	NO
1110R-21-04419	YES

1110R-21-05XX

PART NUMBER	RoHS COMPLIANT
1110R-21-0510	NO
1110R-21-0511	NO
1110R-21-0512	NO
1110R-21-0513	NO
1110R-21-0514	NO
1110R-21-0515	NO
1110R-21-0516	NO
1110R-21-0517	NO
1110R-21-0518	NO
1110R-21-0519	NO

1110R-21-088XX

PART NUMBER	RoHS COMPLIANT
1110R-21-08810	NO
1110R-21-08811	NO
1110R-21-08812	NO
1110R-21-08813	NO
1110R-21-08814	NO
1110R-21-08815	NO
1110R-21-08816	NO
1110R-21-08817	NO
1110R-21-08818	NO
1110R-21-08819	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	TA1110R-21	TPI1110R-21	TTI1110R-21

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).