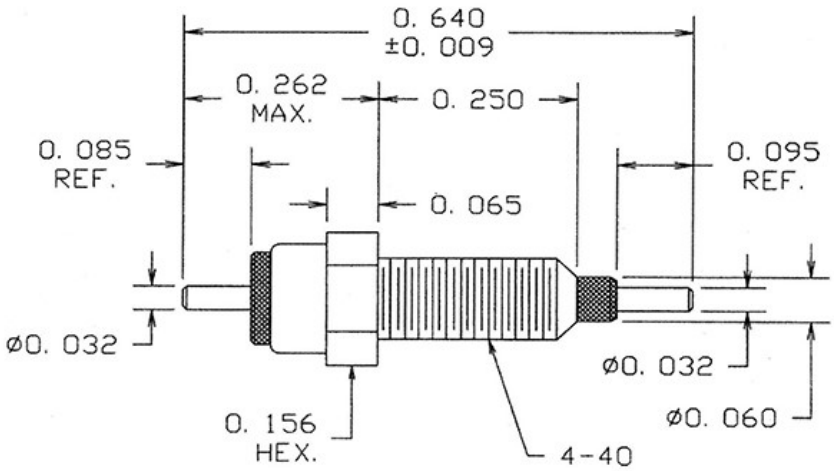
DRAWING NUMBER:	**1117-14-XXXX**
PRODUCT GROUP:	TERMINALS
SUB-GROUP:	COMMERCIAL INSULATED TERMINALS
DESCRIPTION:	PTFE INSULATED FEED THRU (PIN/PIN) TERMINAL

CONCORD ELECTRONICS
Precision-machined Engineering Solutions



OVERALL LENGTH	PIN DIAMETER	FEED THRU COMBINATION	BOARD / PANEL MOUNTING METHOD
0.640"	0.032" ± 0.005	PIN/PIN	THREAD MOUNT (4-40 NUT)

SHANK LENGTH (L)	BOARD / PANEL THICKNESS	MOUNTING HOLE SIZE	DRILL SIZE
N/A	UP TO 1/8"	0.120" ± 0.002	#31

PART NO. STRUCTURE:

1117	-	14	-	XX	XX
PART SERIES		DIMENSION		FINISH	INSULATION COLOR

MATERIAL OPTIONS:

1117-14-XXXX

COMPONENT	MATERIAL	MATERIAL AND SPECIFICATION
TERMINAL	BRASS	BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD
BASE/METAL SLEEVE	BRASS	BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD
INSULATION*	PTFE	PTFE PER ASTM D1710
NUT	BRASS	BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD
WASHER	PHOSPHOR BRONZE	PHOSPHOR BRONZE PER ASTM B139/B103, ALLOY C51000

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

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FINISH - PLATING OPTIONS:

1117-14-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	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	NUT	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	WASHER	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
03	TERMINAL	GOLD	0.000010"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	BASE/METAL SLEEVE	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	NUT	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	WASHER	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
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	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	NUT	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	WASHER	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
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	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	NUT	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	WASHER	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
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	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	NUT	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	WASHER	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
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	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	NUT	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290
	WASHER	NICKEL	0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290

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INSULATION COLOR OPTIONS:

1117-14-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
± 0.005	± 1/64	± 5 °

DRAWING ORIGINATION DATE	LAST MODIFICATION DATE
5/2/2002	3/1/2017

*All dimensions are in inches.

RoHS COMPLIANCE:

1117-14-01XX

PART NUMBER	RoHS COMPLIANT
1117-14-0110	YES
1117-14-0111	NO
1117-14-0112	NO
1117-14-0113	NO
1117-14-0114	NO
1117-14-0115	YES
1117-14-0116	YES
1117-14-0117	YES
1117-14-0118	NO
1117-14-0119	YES

1117-14-03XX

PART NUMBER	RoHS COMPLIANT
1117-14-0310	YES
1117-14-0311	NO
1117-14-0312	NO
1117-14-0313	NO
1117-14-0314	NO
1117-14-0315	YES
1117-14-0316	YES
1117-14-0317	YES
1117-14-0318	NO
1117-14-0319	YES

1117-14-04XX

PART NUMBER	RoHS COMPLIANT
1117-14-0410	YES
1117-14-0411	NO
1117-14-0412	NO
1117-14-0413	NO
1117-14-0414	NO
1117-14-0415	YES
1117-14-0416	YES
1117-14-0417	YES
1117-14-0418	NO
1117-14-0419	YES

1117-14-044XX

PART NUMBER	RoHS COMPLIANT
1117-14-04410	YES
1117-14-04411	NO
1117-14-04412	NO
1117-14-04413	NO
1117-14-04414	NO
1117-14-04415	YES
1117-14-04416	YES
1117-14-04417	YES
1117-14-04418	NO
1117-14-04419	YES

1117-14-05XX

PART NUMBER	RoHS COMPLIANT
1117-14-0510	NO
1117-14-0511	NO
1117-14-0512	NO
1117-14-0513	NO
1117-14-0514	NO
1117-14-0515	NO
1117-14-0516	NO
1117-14-0517	NO
1117-14-0518	NO
1117-14-0519	NO

1117-14-088XX

PART NUMBER	RoHS COMPLIANT
1117-14-08810	NO
1117-14-08811	NO
1117-14-08812	NO
1117-14-08813	NO
1117-14-08814	NO
1117-14-08815	NO
1117-14-08816	NO
1117-14-08817	NO
1117-14-08818	NO
1117-14-08819	NO

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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)
N/A	N/A	N/A	N/A

NOTES:

DATASHEET NOTES

NUT PART NUMBER: 701-7327-02 WASHER PART NUMBER: 701-7723-02.

INSTRUCTION NOTES

SUPPLIED WITH NICKEL PLATED BRASS HEX NUT (4-40 x 1/4" x 5/64") AND NICKEL PLATED PHOSPHOR BRONZE INTERNAL TOOTH LOCKWASHER.

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