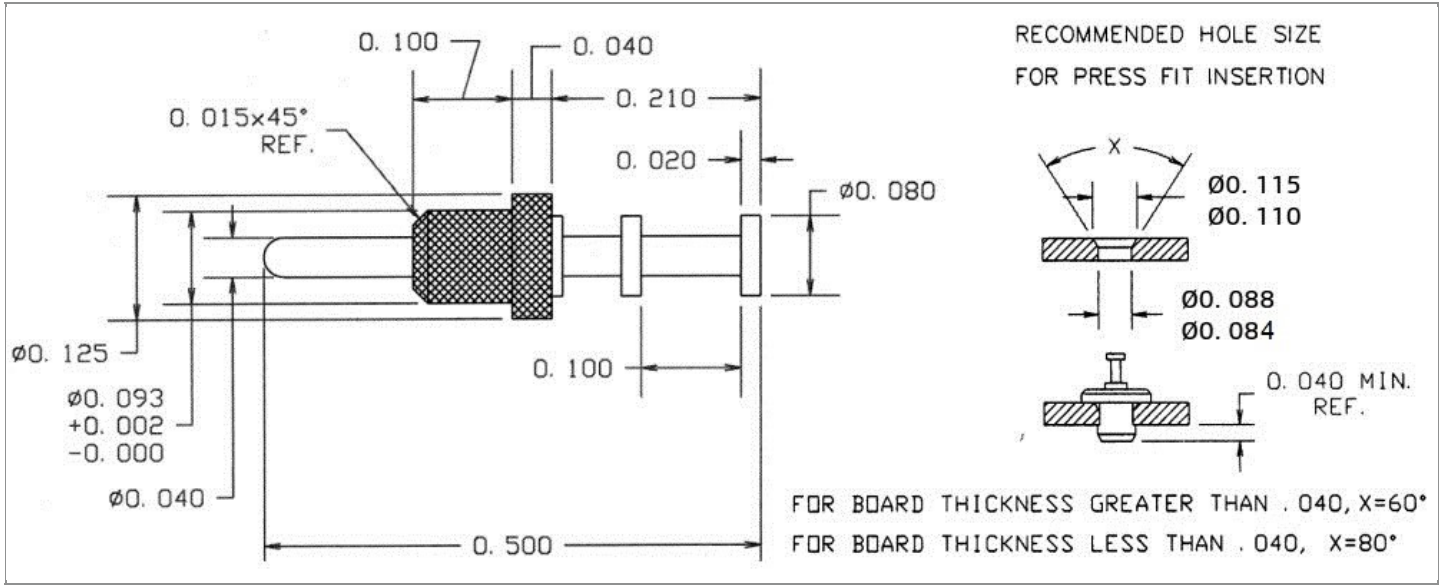


<b>DRAWING NUMBER:</b>	<b>1133-03M-XXXXZ</b>
<b>PRODUCT GROUP:</b>	TERMINALS
<b>SUB-GROUP:</b>	MILITARY INSULATED TERMINALS
<b>DESCRIPTION:</b>	PTFE INSULATED FEED THRU (DOUBLE TURRET/PIN) TERMINAL



PIN DIAMETER	OVERALL LENGTH	MOUNTING ORIENTATION	BOARD / PANEL MOUNTING METHOD
0.040" ± 0.005	0.500"	VERTICAL	PRESS FIT
BOARD / PANEL THICKNESS	MOUNTING HOLE SIZE	DRILL SIZE	FEED THRU COMBINATION
UP TO 1/16"	0.086" ± 0.002	#44	DOUBLE TURRET/PIN

**PART NO. STRUCTURE:\***

<b>1133</b>	-	<b>03M</b>	-	<b>XX</b>	<b>XX</b>
PART SERIES		DIMENSION		FINISH	INSULATION COLOR

\*If applicable, "Z" at the end of a PART NO. STRUCTURE indicates TERMINAL MATERIAL TYPE.

**MATERIAL OPTIONS:**

**1133-03M-XXXXZ**

COMPONENT	MATERIAL	MATERIAL AND SPECIFICATION
TERMINAL	PHOSPHOR BRONZE	PHOSPHOR BRONZE PER ASTM B139, ALLOY C54400
BASE/METAL SLEEVE	N/A	N/A
INSULATION*	PTFE	PTFE PER ASTM D1710
NUT	N/A	N/A
WASHER	N/A	N/A

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

FINISH - PLATING OPTIONS:

1133-03M-XXXXZ

FINISH CODE	COMPONENT	FINISH	FINISH AND SPECIFICATION
05	TERMINAL	ELECTRO-SOLDER	0.000300"MIN. ELECTRO-SOLDER PER SAE-AMS-P-81728 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418
	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. COPPER PER SAE-AMS-2418
	BASE/METAL SLEEVE	N/A	N/A
	NUT	N/A	N/A
	WASHER	N/A	N/A
095	TERMINAL	HOT SOLDER DIP	0.000100"MIN. HOT SOLDER DIP USING Sn60 PER IPC-J-STD-006 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418
	BASE/METAL SLEEVE	N/A	N/A
	NUT	N/A	N/A
	WASHER	N/A	N/A

INSULATION COLOR OPTIONS:

1133-03M-XXXXZ

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
± 0.015	± 1/64	± 3 °	9/23/1998	3/1/2017

\*All dimensions are in inches.

RoHS COMPLIANCE:

1133-03M-05XXZ

PART NUMBER	RoHS COMPLIANT
1133-03M-0510Z	NO
1133-03M-0511Z	NO
1133-03M-0512Z	NO
1133-03M-0513Z	NO
1133-03M-0514Z	NO
1133-03M-0515Z	NO
1133-03M-0516Z	NO
1133-03M-0517Z	NO
1133-03M-0518Z	NO
1133-03M-0519Z	NO

1133-03M-088XXZ

PART NUMBER	RoHS COMPLIANT
1133-03M-08810Z	NO
1133-03M-08811Z	NO
1133-03M-08812Z	NO
1133-03M-08813Z	NO
1133-03M-08814Z	NO
1133-03M-08815Z	NO
1133-03M-08816Z	NO
1133-03M-08817Z	NO
1133-03M-08818Z	NO
1133-03M-08819Z	NO

1133-03M-095XXZ

PART NUMBER	RoHS COMPLIANT
1133-03M-09510Z	NO
1133-03M-09511Z	NO
1133-03M-09512Z	NO
1133-03M-09513Z	NO
1133-03M-09514Z	NO
1133-03M-09515Z	NO
1133-03M-09516Z	NO
1133-03M-09517Z	NO
1133-03M-09518Z	NO
1133-03M-09519Z	NO

MILITARY REFERENCE SPECIFICATIONS:

1133-03M-05XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1133-03M-0510Z	MIL-T-55155/04	M55155/040B03 (FT040B03Z)	A-A-59126/04	AA59126/040B03
1133-03M-0511Z	MIL-T-55155/04	M55155/041B03 (FT041B03Z)	A-A-59126/04	AA59126/041B03
1133-03M-0512Z	MIL-T-55155/04	M55155/042B03 (FT042B03Z)	A-A-59126/04	AA59126/042B03
1133-03M-0513Z	MIL-T-55155/04	M55155/043B03 (FT043B03Z)	A-A-59126/04	AA59126/043B03
1133-03M-0514Z	MIL-T-55155/04	M55155/044B03 (FT044B03Z)	A-A-59126/04	AA59126/044B03
1133-03M-0515Z	MIL-T-55155/04	M55155/045B03 (FT045B03Z)	A-A-59126/04	AA59126/045B03
1133-03M-0516Z	MIL-T-55155/04	M55155/046B03 (FT046B03Z)	A-A-59126/04	AA59126/046B03
1133-03M-0517Z	MIL-T-55155/04	M55155/047B03 (FT047B03Z)	A-A-59126/04	AA59126/047B03
1133-03M-0518Z	MIL-T-55155/04	M55155/048B03 (FT048B03Z)	A-A-59126/04	AA59126/048B03
1133-03M-0519Z	MIL-T-55155/04	M55155/049B03 (FT049B03Z)	A-A-59126/04	AA59126/049B03

1133-03M-088XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1133-03M-08810Z	MIL-T-55155/04	M55155/040D03	A-A-59126/04	AA59126/040D03
1133-03M-08811Z	MIL-T-55155/04	M55155/041D03	A-A-59126/04	AA59126/041D03
1133-03M-08812Z	MIL-T-55155/04	M55155/042D03	A-A-59126/04	AA59126/042D03
1133-03M-08813Z	MIL-T-55155/04	M55155/043D03	A-A-59126/04	AA59126/043D03
1133-03M-08814Z	MIL-T-55155/04	M55155/044D03	A-A-59126/04	AA59126/044D03

Continued on next page...

MILITARY REFERENCE SPECIFICATIONS CONTINUED:

1133-03M-088XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1133-03M-08815Z	MIL-T-55155/04	M55155/045D03	A-A-59126/04	AA59126/045D03
1133-03M-08816Z	MIL-T-55155/04	M55155/046D03	A-A-59126/04	AA59126/046D03
1133-03M-08817Z	MIL-T-55155/04	M55155/047D03	A-A-59126/04	AA59126/047D03
1133-03M-08818Z	MIL-T-55155/04	M55155/048D03	A-A-59126/04	AA59126/048D03
1133-03M-08819Z	MIL-T-55155/04	M55155/049D03	A-A-59126/04	AA59126/049D03

1133-03M-095XXZ

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
1133-03M-09510Z	MIL-T-55155/04	M55155/040C03	A-A-59126/04	AA59126/040C03
1133-03M-09511Z	MIL-T-55155/04	M55155/041C03	A-A-59126/04	AA59126/041C03
1133-03M-09512Z	MIL-T-55155/04	M55155/042C03	A-A-59126/04	AA59126/042C03
1133-03M-09513Z	MIL-T-55155/04	M55155/043C03	A-A-59126/04	AA59126/043C03
1133-03M-09514Z	MIL-T-55155/04	M55155/044C03	A-A-59126/04	AA59126/044C03
1133-03M-09515Z	MIL-T-55155/04	M55155/045C03	A-A-59126/04	AA59126/045C03
1133-03M-09516Z	MIL-T-55155/04	M55155/046C03	A-A-59126/04	AA59126/046C03
1133-03M-09517Z	MIL-T-55155/04	M55155/047C03	A-A-59126/04	AA59126/047C03
1133-03M-09518Z	MIL-T-55155/04	M55155/048C03	A-A-59126/04	AA59126/048C03
1133-03M-09519Z	MIL-T-55155/04	M55155/049C03	A-A-59126/04	AA59126/049C03

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	TA1133-03	TPI1133-03	TTI1133-03

NOTES:

<b>DATASHEET NOTES</b>
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N/A

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