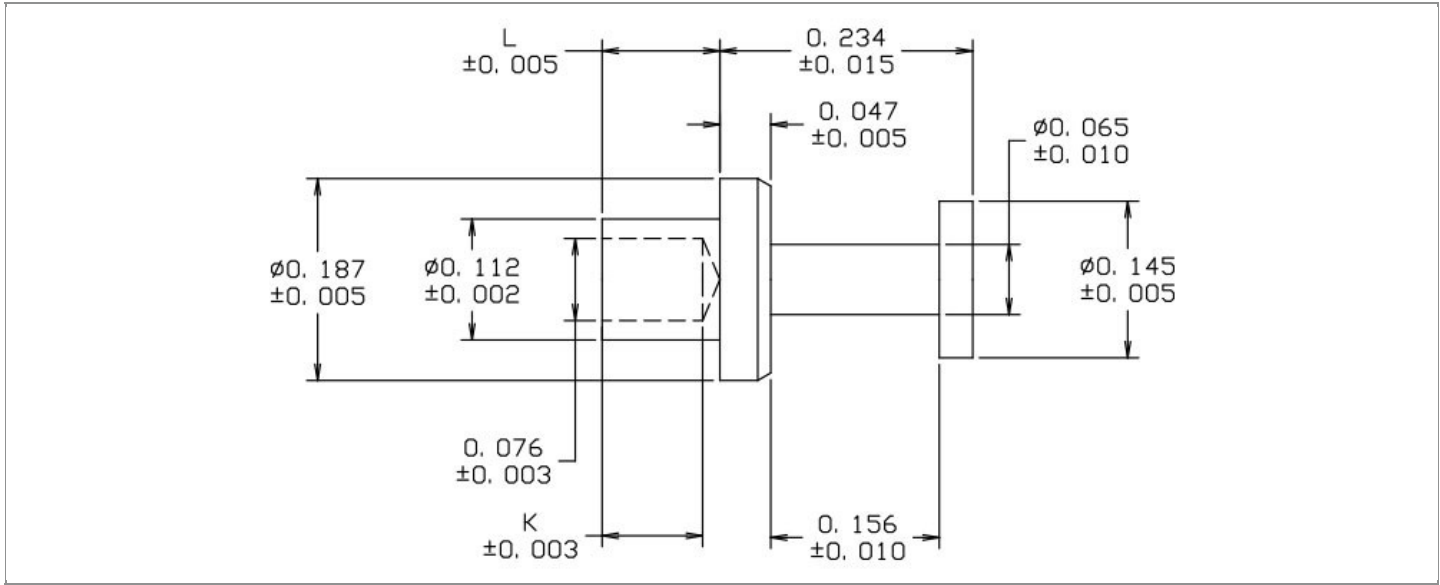


DRAWING NUMBER:	15R-103-X-XX
PRODUCT GROUP:	TERMINALS
SUB-GROUP:	MILITARY NON-INSULATED TERMINALS
DESCRIPTION:	NON-INSULATED TURRET TERMINAL



BOARD / PANEL MOUNTING METHOD	MOUNTING HOLE SIZE	DRILL SIZE	FEED THRU COMBINATION
SWAGE MOUNT	0.116" ± 0.001	#32	N/A

PART NO. STRUCTURE:

15R-103 - X - XX
 PART SERIES DIMENSION FINISH

MATERIAL OPTIONS:

15R-103-X-XX

COMPONENT	MATERIAL	MATERIAL AND SPECIFICATION
TERMINAL	PHOSPHOR BRONZE	PHOSPHOR BRONZE PER ASTM B139, ALLOY C54400

DIMENSION OPTIONS:

15R-103-X-XX

DIMENSION	K	OVERALL LENGTH	SHANK LENGTH (L)	BOARD/PANEL THICKNESS
1	N/A	0.312"	0.078"	1/32"
2	N/A	0.343"	0.109"	1/16"
3	N/A	0.374"	0.140"	3/32"
4	N/A	0.404"	0.170"	1/8"
5	N/A	0.429"	0.195"	5/32"
6	N/A	0.464"	0.230"	3/16"

Continued on next page...

DIMENSION OPTIONS CONTINUED:

15R-103-X-XX

DIMENSION	K	OVERALL LENGTH	SHANK LENGTH (L)	BOARD/PANEL THICKNESS
8	N/A	0.531"	0.297"	1/4"

FINISH - PLATING OPTIONS:

15R-103-X-XX

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
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
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

TOLERANCES:*

DECIMAL	FRACTIONAL	ANGULAR	DRAWING ORIGATION DATE	LAST MODIFICATION DATE
N/A	N/A	N/A	11/1/2002	3/1/2017

*All dimensions are in inches.

RoHS COMPLIANCE:

15R-103-1-XX

PART NUMBER	RoHS COMPLIANT
15R-103-1-05	NO
15R-103-1-088	NO
15R-103-1-095	NO

15R-103-2-XX

PART NUMBER	RoHS COMPLIANT
15R-103-2-05	NO
15R-103-2-088	NO
15R-103-2-095	NO

15R-103-3-XX

PART NUMBER	RoHS COMPLIANT
15R-103-3-05	NO
15R-103-3-088	NO
15R-103-3-095	NO

15R-103-4-XX

PART NUMBER	RoHS COMPLIANT
15R-103-4-05	NO
15R-103-4-088	NO
15R-103-4-095	NO

15R-103-5-XX

PART NUMBER	RoHS COMPLIANT
15R-103-5-05	NO
15R-103-5-088	NO
15R-103-5-095	NO

15R-103-6-XX

PART NUMBER	RoHS COMPLIANT
15R-103-6-05	NO
15R-103-6-088	NO
15R-103-6-095	NO

15R-103-8-XX

PART NUMBER	RoHS COMPLIANT
15R-103-8-05	NO
15R-103-8-088	NO
15R-103-8-095	NO

MILITARY REFERENCE SPECIFICATIONS:

15R-103-1-XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
15R-103-1-05	MIL-T-55155/29	M55155/29XB04 (M55155/29-4Z; SE29XC04Z)	A-A-59126/29	AA59126/29XB04
15R-103-1-088	MIL-T-55155/29	M55155/29XD04	A-A-59126/29	AA59126/29XD04
15R-103-1-095	MIL-T-55155/29	M55155/29XC04	A-A-59126/29	AA59126/29XC04

15R-103-2-XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
15R-103-2-05	MIL-T-55155/29	M55155/29XB07 (M55155/29-7Z; SE29XC07Z)	A-A-59126/29	AA59126/29XB07
15R-103-2-088	MIL-T-55155/29	M55155/29XD07	A-A-59126/29	AA59126/29XD07
15R-103-2-095	MIL-T-55155/29	M55155/29XC07	A-A-59126/29	AA59126/29XC07

15R-103-3-XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
15R-103-3-05	MIL-T-55155/29	M55155/29XB10 (M55155/29-10Z; SE29XC10Z)	A-A-59126/29	AA59126/29XB10
15R-103-3-088	MIL-T-55155/29	M55155/29XD10	A-A-59126/29	AA59126/29XD10
15R-103-3-095	MIL-T-55155/29	M55155/29XC10	A-A-59126/29	AA59126/29XC10

15R-103-4-XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
15R-103-4-05	MIL-T-55155/29	M55155/29XB13 (M55155/29-13Z; SE29XC13Z)	A-A-59126/29	AA59126/29XB13
15R-103-4-088	MIL-T-55155/29	M55155/29XD13	A-A-59126/29	AA59126/29XD13
15R-103-4-095	MIL-T-55155/29	M55155/29XC13	A-A-59126/29	AA59126/29XC13

15R-103-5-XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
15R-103-5-05	MIL-T-55155/29	M55155/29XB14 (M55155/29-14Z; SE29XC14Z)	A-A-59126/29	AA59126/29XB14
15R-103-5-088	MIL-T-55155/29	M55155/29XD14	A-A-59126/29	AA59126/29XD14
15R-103-5-095	MIL-T-55155/29	M55155/29XC14	A-A-59126/29	AA59126/29XC14

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MILITARY REFERENCE SPECIFICATIONS CONTINUED:

15R-103-6-XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
15R-103-6-05	MIL-T-55155/29	M55155/29XB15 (M55155/29-15Z; SE29XC15Z)	A-A-59126/29	AA59126/29XB15
15R-103-6-088	MIL-T-55155/29	M55155/29XD15	A-A-59126/29	AA59126/29XD15
15R-103-6-095	MIL-T-55155/29	M55155/29XC15	A-A-59126/29	AA59126/29XC15

15R-103-8-XX

PART NUMBER	MIL SPECIFICATION	MIL PART NUMBER	COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION	CID PART NUMBER
15R-103-8-05	MIL-T-55155/29	M55155/29XB16 (M55155/29-16Z; SE29XC16Z)	A-A-59126/29	AA59126/29XB16
15R-103-8-088	MIL-T-55155/29	M55155/29XD16	A-A-59126/29	AA59126/29XD16
15R-103-8-095	MIL-T-55155/29	M55155/29XC16	A-A-59126/29	AA59126/29XC16

TOOLING:

INSTALLATION TOOL: ARBOR PRESS	INSTALLATION TOOL: ANVIL (ARBOR PRESS OPERATED)	INSTALLATION TOOL: PRESS-FIT / ROLL SWAGE / RIVET PUNCH (ARBOR PRESS OPERATED)	INSTALLATION TOOL: FLARE SWAGE PUNCH (ARBOR PRESS OPERATED)
TM1	TA188-146-31	TP112-78	TFLP90-200

NOTES:

DATASHEET NOTES
N/A
INSTRUCTION NOTES
SEE GENERAL SWAGING INSTALLATION INSTRUCTION ON CONCORD ELECTRONICS' WEBSITE WWW.CONCORD-ELECTRONICS.COM