

PART NUMBER	ITEM ①		ITEM ②	ITEM ③	ITEM ④
108-1721-101	HANDLE NYLON	COLOR	BODY	SPRING	STUD
108-1722-101		WHITE	BRASS NICKEL PL .0001 MIN	NICKEL SILVER NICKEL PL .0001 MIN	BRASS BRIGHT TIN PL .0001 MIN OVER NICKEL PL .00005 MIN
108-1723-101		RED			
108-1724-101		BLACK			
108-1725-101		GREEN			
108-1726-101					
108-1727-101		ORANGE			
108-1728-101		YELLOW			
108-1729-101		BROWN			
108-1730-101					
108-1731-101		BLUE			
108-1732-101					
108-1733-101		VIOLET			
108-1734-101		GRAY			
108-1735-101					
108-1736-101					
108-1737-101					
108-1738-101					
108-1739-101					
108-1740-101					

NOTES:

1. SPECIFICATIONS:

ELECTRICAL:

CURRENT RATING: 15 AMPS DC MINIMUM
DIELECTRIC WITHSTANDING VOLTAGE: 3500 VRMS MIN AT SEA LEVEL
RECOMMENDED WORKING VOLTAGE: 1750 VRMS MAX AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHMS MIN
CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM

MECHANICAL:

INSERTION/WITHDRAWAL FORCE: 1.0 - 12.0 POUNDS
CONTACT SPRING RETENTION FORCE: 15 POUNDS MINIMUM
WIRE ACCEPTABILITY: 16 AWG OR SMALLER
WIRE ATTACHMENT: SOLDER OR FLARE AND CLAMP USING THREADED STUD
MATING BANANA JACK DIAMETER: .166 NOMINAL
DURABILITY: 1000 CYCLES MINIMUM

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-28901)
OPERATING TEMPERATURE: -55 DEG C TO 85 DEG C.
TEMPERATURE RISE AT RATED CURRENT: 10 DEG C MAXIMUM
CORROSION: MIL-STD-1344, METHOD 1001, CONDITION B
SHOCK: MIL-STD-1344, METHOD 2004, CONDITION G
VIBRATION: MIL-STD-1344, METHOD 2005, CONDITION I
HUMIDITY: MIL-STD-1344, METHOD 1002, CONDITION B

Technical drawing of a banana plug assembly. Dimensions include: Ø.071±.003, Ø.375±.010, 1.000±.020, .056±.015, .562±.015, 2X.175^{+.015}/_{-.010}, and Ø.228^{+.010}/_{-.015}. Callouts 1, 2, 3, and 4 point to different parts of the assembly.

DRAWING NO.
B - 108-1721/1740-101

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REVISIONS

* REVISION NUMBER FOLLOWED BY AN ALPHA *
* CHARACTER INDICATES DRAWING CLARIFI- *
* CATION OR PART NUMBER ADDITION ONLY. *

14a

9-14-94

RH

SWC

TAK

RJB

ECN 42639

DIA .228+.010 -.015 WAS DIA .228 ±.005, 1.000±.020 WAS 1.000±.010

* REVISION NUMBER FOLLOWED BY AN ALPHA *
* CHARACTER INDICATES DRAWING CLARIFI- *
* CATION OR PART NUMBER ADDITION ONLY. *

14b

6-3-08

PA

RJB

MJU

TJS

JCN

6-9-08

ECN 51528

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
PER ASME Y 14.5M - 1994

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY SWC	DATE 3-31-94	Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX	mm	CHECKED BY TAK	DATE 9-19-94		
.XXX		APPROVED BY RJB	DATE 9-20-94	TITLE ASSEMBLY, BANANA PLUG, INSULATED HANDLE ROUND BODY, SOLDER OR SOLDERLESS STUD	
MATL		RELEASE DATE 9-20-94		SHEET 2 OF 2	DRAWING NO. B - 108-1721/1740-101
FINISH		U/M	INCH	SCALE	2:1