

ITEM ①		ITEM ② 2X	ITEM ③ 2X	ITEM ④ 2X				
PART NUMBER	HANDLE	COLOR	BODY	CONTACT SPRING	SET SCREW			
108-0251-001	NYLON	WHITE	BRASS	NICKEL SILVER	STEEL			
108-0252-001		RED				NICKEL PL .0001 MIN	NICKEL PL .0001 MIN	CADMIUM PL .0001 MIN
108-0253-001		BLACK						
108-0254-001		GREEN						
108-0255-001								
108-0256-001		ORANGE						
108-0257-001		YELLOW						
108-0258-001		BROWN						
108-0259-001								
108-0260-001		BLUE						
108-0261-001								
108-0262-001		VIOLET						
108-0263-001		GRAY						
108-0264-001								
108-0265-001								
108-0266-001								
108-0267-001								
108-0268-001								
108-0269-001								
108-0270-001								

2X SOCKET HEX SCREW

.047±.010

2X Ø.169±.001

.750±.010

□.250±.005

1.250±.025

500±.020

4

4

1

2

3

2X .906±.010

2X .687±.020

2X .531±.015

4X .175^{+.015}_{-.010}

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/WITHDRAWL FORCE: 1.0 - 12.0 POUNDS

CONTACT SPRING RETENTION FORCE: 25 POUNDS MINIMUM

WIRE ACCEPTABILITY: 16 AWG OR SMALLER

WIRE ATTACHMENT: CLAMP USING SET SCREW

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

2X .687±.020

2X .531±.015

4X .175^{+.015}_{-.010}

1

2

3

4

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE
DECIMALS	mm	SWC	4-18-94
.XX		CHECKED BY	DATE
.XXX		TAK	11-21-94
MATL		APPROVED BY	DATE
		RJB	12-22-94
FINISH		RELEASE DATE	12-22-94
		U/M	INCH
		SCALE	2:1



cinch
CONNECTIVITY SOLUTIONS
a bel group

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1-800-247-8256

TITLE	
ASSEMBLY, BANANA PLUG DUAL STACKING, ROUND BODY INSULATED, SOLDERLESS TYPE	
SHEET	DRAWING NO.
2 OF 2	B-108-0251/0270-001

DRAWING NO.

B-108-0251/0270-001

0	REVISIONS
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ENGINEERING RELEASE

* REVISION NUMBER FOLLOWED BY AN ALPHA *

* CHARACTER INDICATES DRAWING CLARIFI-

* CATION OR PART NUMBER ADDITION ONLY. *

6a	11-18-94	R H	S W C	T A K	R J B		ECN 42926
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