

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

2X Ø.169 ±.001

.750 ±.010

□.250 ±.005

1.250 ±.025

500 ±.020

.047 ±.010

4

2X .906 ±.010

2X .687 ±.020

2X .531 ±.015

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

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2

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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

DRAWING NO.
B-108-0251/0270-001

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REVISIONS

ENGINEERING RELEASE

* REVISION NUMBER FOLLOWED BY AN ALPHA *

* CHARACTER INDICATES DRAWING CLARIFI-

* CATION OR PART NUMBER ADDITION ONLY. *

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11-18-94

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ECN 42926

CUSTOMER DRAWING

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

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY SWC	DATE 4-18-94	 Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS	mm	CHECKED BY TAK	DATE 11-21-94	
.XX		APPROVED BY RJB	DATE 12-22-94	
.XXX		RELEASE DATE 12-22-94		
MATL		U/M INCH SCALE 2:1		
FINISH				SHEET 2 OF 2

TITLE

ASSEMBLY, BANANA PLUG
DUAL STACKING, ROUND BODY
INSULATED, SOLDERLESS TYPE

DRAWING NO.

B-108-0251/0270-001