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PART NO. 0133-P1NN-417-100N

### MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:

BODY: BRASS PER ASTM B16 OR EQUIVALENT CONTACT: BRASS PER ASTM B16 OR EQUIVALENT INSULATORS: PTFE PER ASTM D1710 OR EQUIVALENT

PLATING PROPERTIES:

OTHER METAL PARTS: PROPRIETARY BRIGHT NICKEL FOLLOWED

BY TRI ALLOY

CONTACTS .000030 MIN. GOLD PER MIL-G-45204 OVER

.000050 MIN. NICKEL PER QQ-N-290

#### MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS MIL-STD-348 FIG. 202-1, MIL-PRF-49142

CONNECTOR DURABILITY: 500 CYCLES MIN. CABLE: TRIAX, CABLE GROUP 17, PER ES102

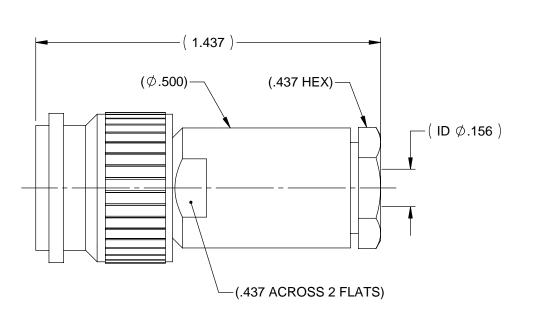
ASSEMBLY INSTRUCTIONS: AI139 IMPEDANCE: NON CONSTANT VOLTAGE RATING: 400 VRMS

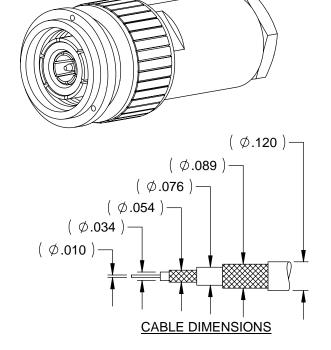
**INSULATION RESISTANCE: 5,000 MEGOHMS** 

CONTACT RESISTANCE:

CENTER: 5.0 MILLOHMS MAX. INTERMEDIATE: 0.5 MILLOHMS MAX.

OUTER: 0.5 MILLOHMS MAX.





NOTES: 1. DRAWING ILLUSTRATES CONNECTOR AS ASSEMBLED WITH CABLE, ALL ITEMS SHIP LOOSE IN BAG

1	NPR 290	SRS	02/05/04
REV	DESCRIPTION	APPR	DATE

# <u>INTELLICONNECT</u>

# "Intelligent Connections"

## **UNLESS OTHERWISE SPECIFIED**

DIM'S ARE IN INCHES & AFTER PLATE \* NO BURRS ALLOWED (XXX) = REF. DIM. \* ANGLES: ±2° \* SURFACE FINISH: 63 MICRO. TOLERANCES: .XX = ±.010 \* .XXX = ±.002 \* XXXX = ±.001 BREAK ALL CORNERS .003 MAX. \* CHAMFER FIRST THREAD 45° ALL DIAMETERS TO BE CONCENTRIC WITHIN .003 F.I.M.

TITLE: TRT STRAIGHT CABLE CLAMP PLUG								
MATERIAL: PER TABLE ABOVE								
FINISH: PER TABLE ABOVE								
DRAWN BY: TLB DATE: 02/05/04			<b>APPR. BY:</b> SRS <b>DATE:</b> 02/05/04					
COALE CIZE DEV								

<b>DATE:</b> 02/05/04	<b>DATE:</b> 02/0	5/04	<b>DATE:</b> 02/05/04		
DO NOT SCALI	<b>SCAL</b> 2.5:1		SIZE A	REV 1	
0.4.1.50					

SALES PART NO. SHEET DRAWING 0133-P1NN-417-100N 1 OF 1