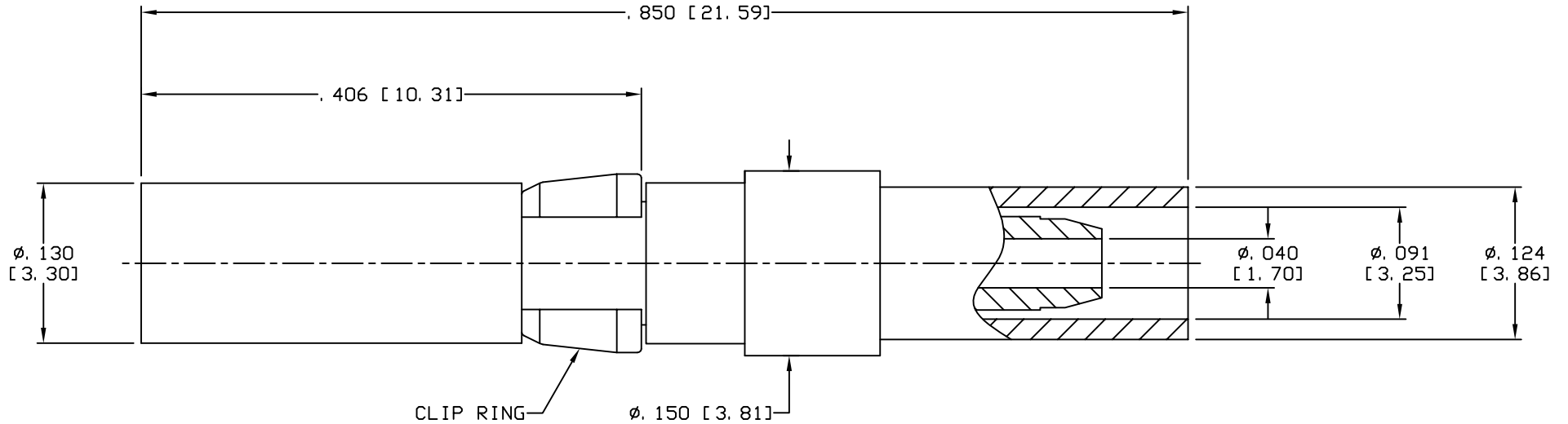


CAD DRAWING - NO MANUAL REVISIONS



NOTES:

1. DESIGN AND INTERFACE PER IDS-56A.
2. ACCOMMODATES RG-178 OR EQUIVALENT CABLES.
3. FOR USE IN BENDIX LRM OR SIZE 12 D-SUB HOUSINGS.
4. CRIMP USING .105 HEX DIE (M22520/5-03).
5. CONTACT SHIPPED LOOSE.

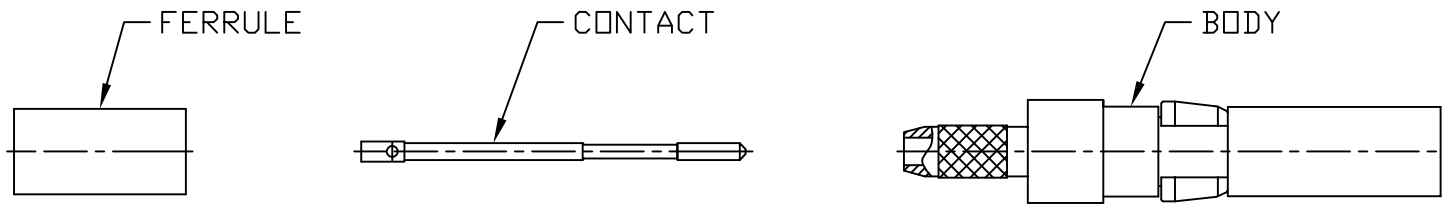
				<p>PALCO CONNECTOR</p> <p>22 GREAT HILL RD., NAUGATUCK, CT 06770</p> <p>UNLESS OTHERWISE SPECIFIED, PALCO WORKMANSHIP STANDARDS APPLY</p> <p>TOLERANCES ON: DECIMALS: XX ± .01 .XXX ± .005 ANGLES ±1/2° 32√</p> <p>DIMENSIONS IN INCHES OR (METRIC) DO NOT SCALE PRINTS</p>	DRAWN JEM	CHECKED JEM	ENGINEER JEM	APPROVED JEM	FSCM 58167
C	PER ECN 11736	07/22/13	JEM			DESCRIPTION SIZE 12 PKZ RECEPTACLE, CRIMP TYPE			
B	PER ECN 11652	04/22/13	JEM			DATE 10/24/12	DRAWING NO. 56-1902-0400	PLATING OPT. A, B, C, D	
A	PER ECN 11631	03/28/13	JEM		CATALOG ITEM				
O1	PROTOTYPE	10/24/12	JEM						
REV.	DESCRIPTION	DATE	APPR.						

CABLE ASSEMBLY PROCEDURE	
P/N	56-1902-0400
PAGE 1 OF 1	DATE: 03/28/13
DRAWN: JEM	APPROVED: HN
FOR USE WITH RG-178 CABLE	

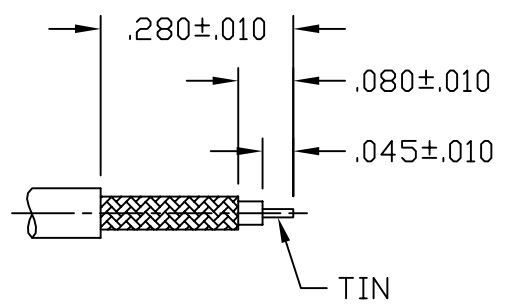
PALEO
CONNECTOR

22 GREAT HILL ROAD, NAUGATUCK, CT. 06770
PHONE: (203) 729-9090 FAX: (203) 723-1794

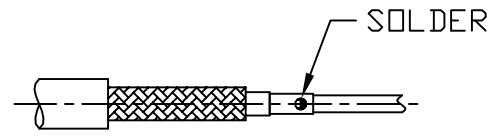
REV	DESCRIPTION	DATE	APPR
A	PER ECN 11631	03/28/13	JEM
B	PER ECN 11652	04/22/13	JEM
C	PER ECN 11736	07/22/13	JEM



STEP 1
TRIM CABLE TO DIMENSIONS SHOWN.
TIN CENTER CONDUCTOR.



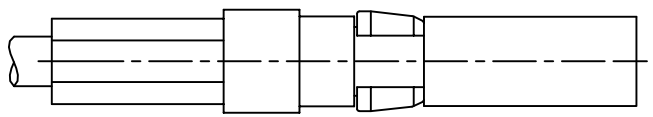
STEP 2
SOLDER CONTACT ONTO CABLE
AS SHOWN.



STEP 3
SLIDE FERRULE OVER CABLE. FLARE
CABLE BY ROTATING DIELECTRIC.



STEP 4
INSERT CABLE INTO BODY UNTIL CABLE
BOTTOMS. SLIDE FERRULE UP AGAINST
BODY. CRIMP FERRULE USING .105 HEX
DIE (M22520/5-03).



4

3

2

1

SPECIFICATIONS:

1.) MATERIALS:
 INSERTS: VALOX, TYPE GPT-30F, PER MIL-M-24519.
 SHELLS: COLD ROLLED STEEL, PER ASTM A568 AND ASTM A620.

2.) FINISHES AND COLOR:
 INSERT: BLACK.
 SHELLS: RoHS COMPLIANT, HIGH RESISTANCE CLEAR CHROMATE OVER ZINC, PER ASTM B633, CLASS FE/ZN12 (.000500 MIN.), SERVICE CONDITION SC3, TYPE III.

3.) ELECTRICAL PROPERTIES:
 DIELECTRIC STRENGTH:
 500 TO 1,000 VOLTS RMS AT SEA LEVEL;
 200 TO 325 VOLTS RMS AT 70,000 FEET.
 INSULATION RESISTANCE: 1 MEGOHM MINIMUM.

4.) MECHANICAL PROPERTIES:
 OPERATING TEMPERATURE: -67° F TO +257° F (-55° C TO +125° C).
 SHOCK RESISTANCE: NO INTERRUPTION OF ELECTRICAL CONTINUITY LONGER THAN 1 MICROSECOND.
 VIBRATION RESISTANCE: NO INTERRUPTION OF ELECTRICAL CONTINUITY LONGER THAN 1 MICROSECOND.

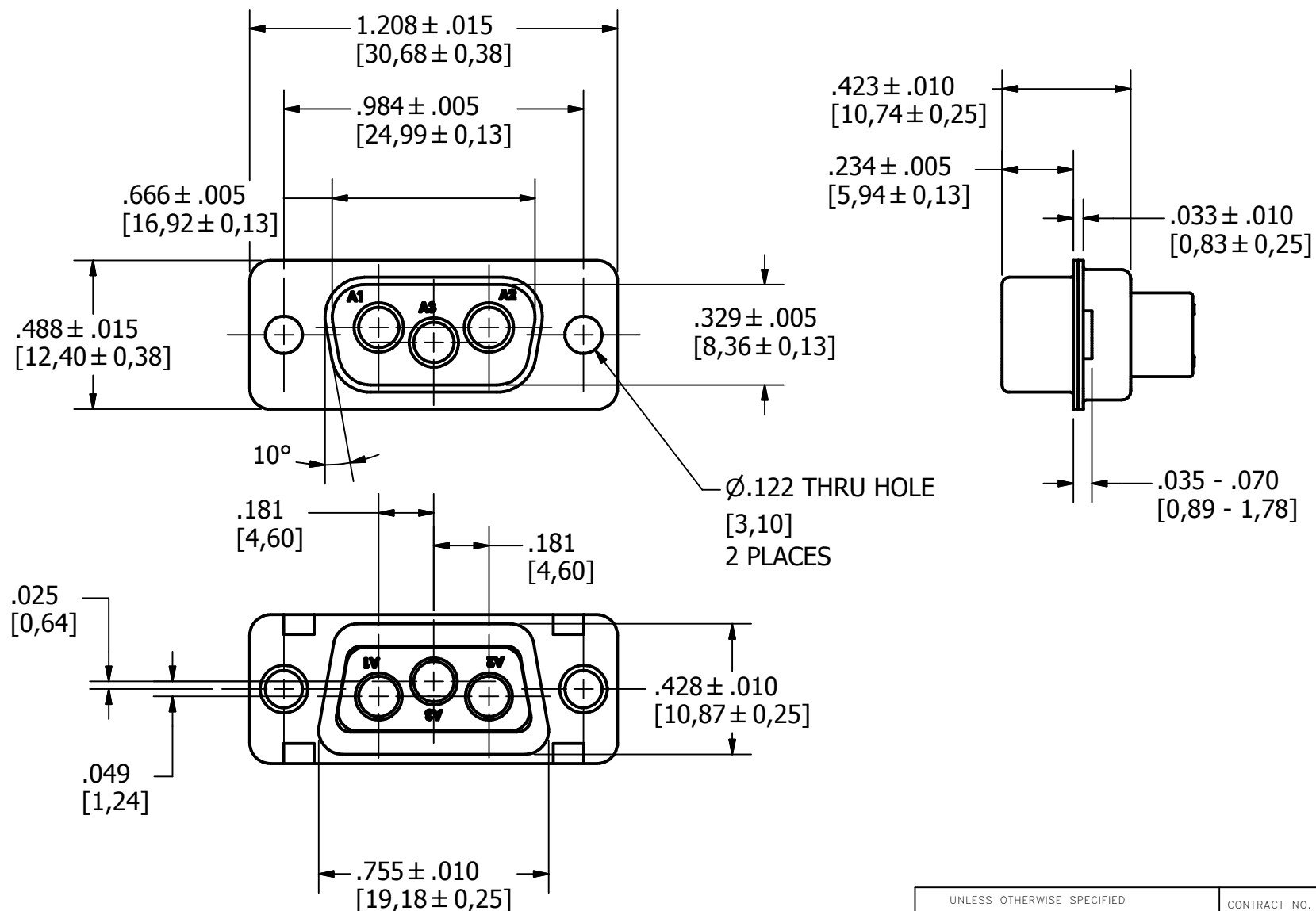
5.) DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS OTHERWISE SPECIFIED.

6.) CONNECTOR MEETS REQUIREMENTS OF MIL-C-24308, LATEST REVISION.

7.) ABOVE REQUIREMENTS DO NOT INCLUDE PDM AND PKZ CONTACTS, PLEASE SEE INDIVIDUAL SPECIFICATION SHEETS.

8.) METRIC DIMENSIONS ARE SHOWN FOR REFERENCE, CONNECTORS ARE DESIGNED IN INCHES.

REV	DESCRIPTION	DATE	APPROVAL
A	ECN#11740 RELEASED FOR PRODUCTION	7/26/2013	



UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 FRACTIONS DECIMALS ANGLES
 $\pm 1/64$.XX ± .01 $\pm 1/2^\circ$
 .XXX ± .003

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 PURPOSE WITHOUT THE WRITTEN
 CONSENT OF MIL-CON INC.

CONTRACT NO.	
APPROVALS	DATE
DRAWN R.M. Bradley	4/25/2013
CHECKED	
ISSUED	

The PHOENIX Company of Chicago™

**HD, D-SUB CONNECTOR, SIZE 12
 PTRP3W35, PLUG, CLRCROM / ZINC**

SIZE B	FSCM NO. 60563	DWG. NO. PTRP3W35	REV. A
SCALE 2 X1		SHEET 1 OF 1	

4

3

2

1

4

3

2

1

SPECIFICATIONS:

1.) MATERIALS:
 INSERTS: VALOX, TYPE GPT-30F, PER MIL-M-24519.
 SHELLS: COLD ROLLED STEEL, PER ASTM A568 AND ASTM A620.

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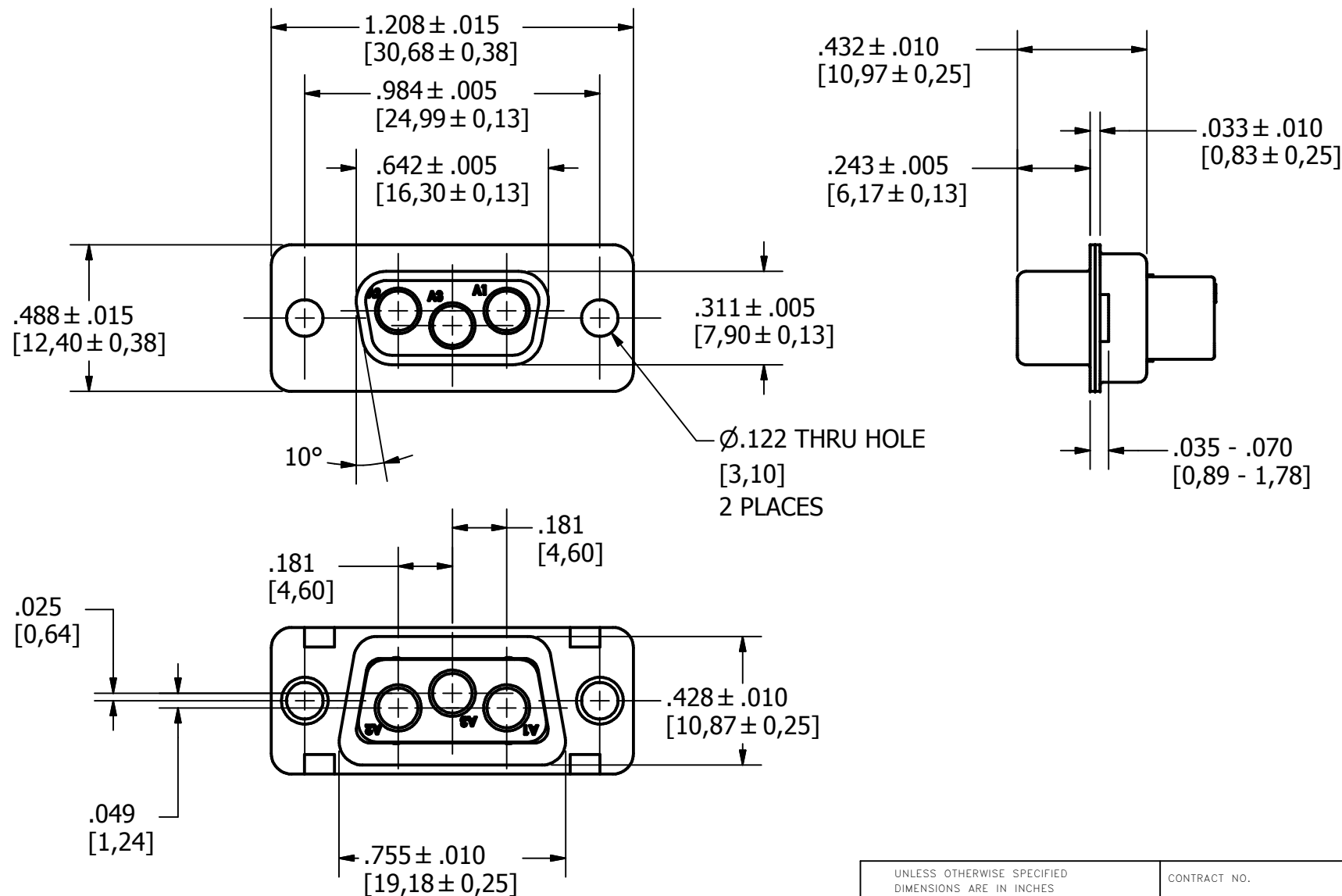
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REV	DESCRIPTION	DATE	APPROVAL
A	ECN#11740 RELEASED FOR PRODUCTION	7/26/2013	



APPROVALS	DATE
R.M. Bradley	4/25/2013
CHECKED	
ISSUED	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES $\pm 1/64$.XX ± .01 ± 1/2° .XXX ± .003		CONTRACT NO.
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NEXT ASSEMBLY		USED ON
APPLICATIONS		DO NOT SCALE DRAWING

<i>The PHOENIX Company of Chicago™</i>			
HD, D-SUB CONNECTOR, SIZE 12 PTRR3W35, RECEPTACLE, CLRCROM / ZINC			
SIZE	FSCM NO.	DWG. NO.	REV.
B	60563	PTRR3W35	A
SCALE	2 X 1		SHEET 1 OF 1

4

3

2

1

SPECIFICATIONS:

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 INSERTS: VALOX, TYPE GPT-30F, PER MIL-M-24519.
 SHELLS: COLD ROLLED STEEL, PER ASTM A568 AND ASTM A620.

2.) FINISHES AND COLOR:
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 INSULATION RESISTANCE: 1 MEGOHM MINIMUM.

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 VIBRATION RESISTANCE: NO INTERRUPTION OF ELECTRICAL CONTINUITY LONGER THAN 1 MICROSECOND.

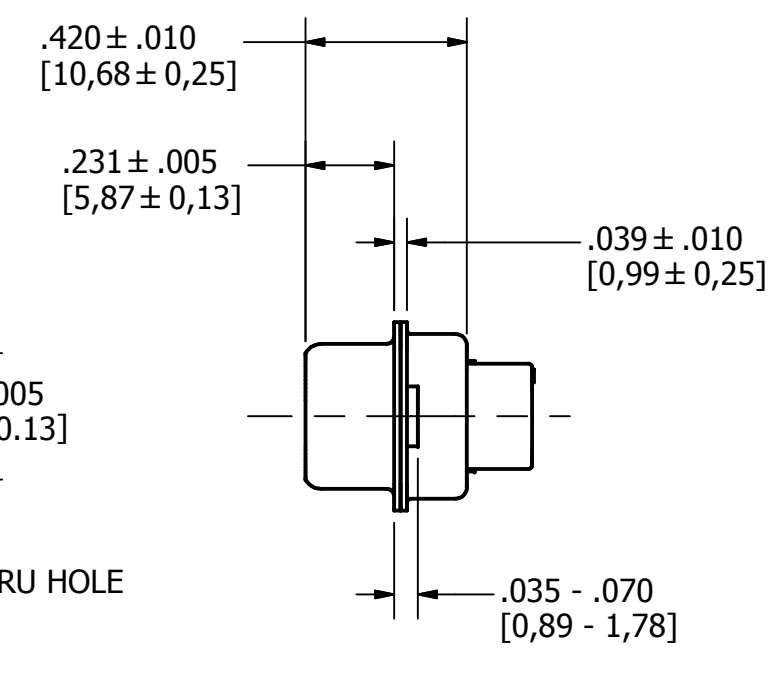
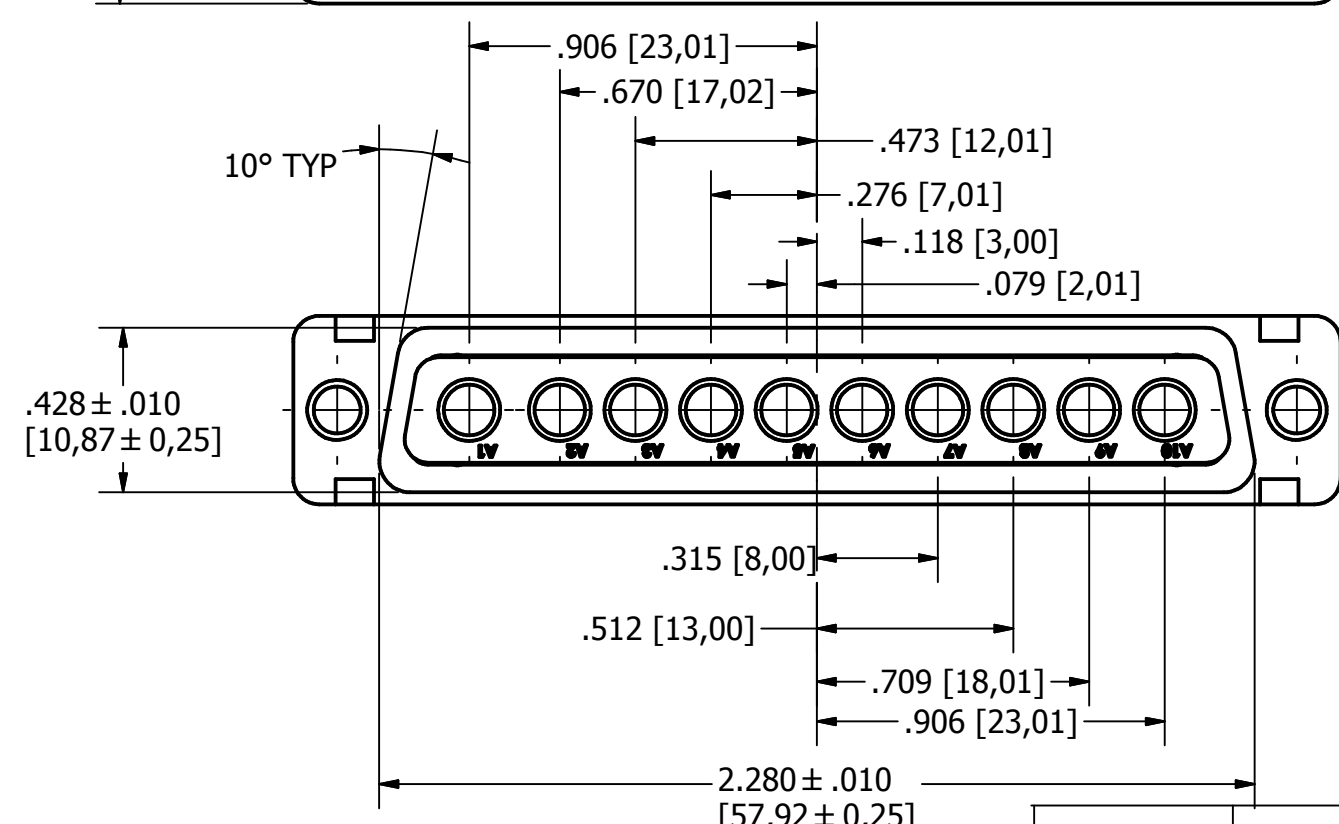
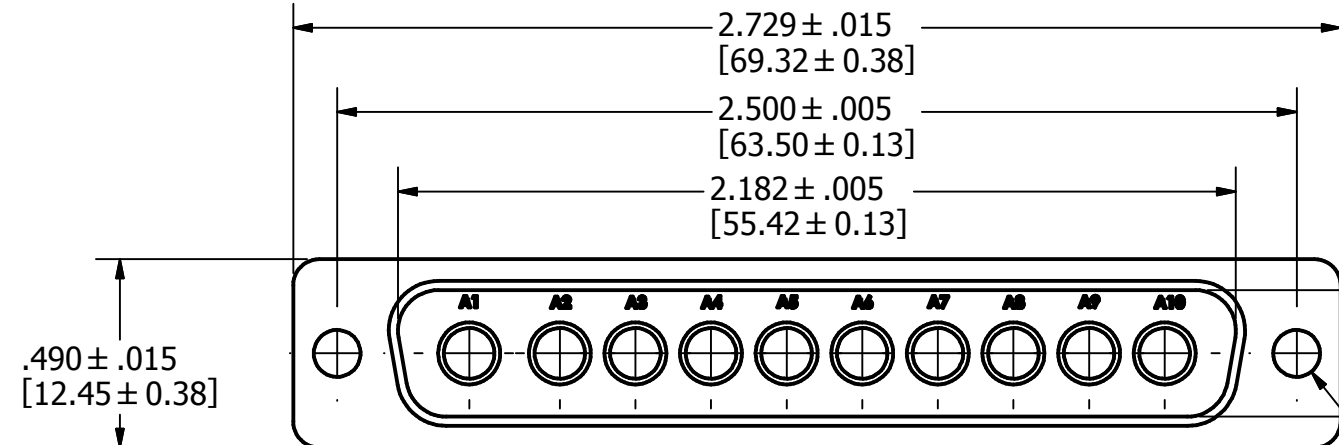
5.) DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS OTHERWISE SPECIFIED.

6.) CONNECTOR MEETS REQUIREMENTS OF MIL-C-24308, LATEST REVISION.

7.) ABOVE REQUIREMENTS DO NOT INCLUDE PDM AND PKZ CONTACTS, PLEASE SEE INDIVIDUAL SPECIFICATION SHEETS.

8.) METRIC DIMENSIONS ARE SHOWN FOR REFERENCE, CONNECTORS ARE DESIGNED IN INCHES.

REV	DESCRIPTION	DATE	APPROVAL
A	ECN#11740 RELEASED FOR PRODUCTION	7/26/2013	



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APPROVALS	DATE	DRAWN R.M. Bradley		4/16/2013	
CHECKED		ISSUED		SIZE	FSCM NO.
				B	60563
NEXT ASSEMBLY		USED ON		DWG. NO.	REV.
				PTRP10W105	A
APPLICATIONS		DO NOT SCALE DRAWING		SCALE	SHEET 1 OF 1
				2 X 1	

SPECIFICATIONS:
 1.) MATERIALS:
 INSERTS: VALOX, TYPE GPT-30F, PER MIL-M-24519.
 SHELLS: COLD ROLLED STEEL, PER ASTM A568 AND ASTM A620.

2.) FINISHES AND COLOR:
 INSERT: BLACK.
 SHELLS: RoHS COMPLIANT, HIGH RESISTANCE CLEAR CHROMATE OVER ZINC, PER ASTM B633, CLASS FE/ZN12 (.000500 MIN.), SERVICE CONDITION SC3, TYPE III.

3.) ELECTRICAL PROPERTIES:
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 500 TO 1,000 VOLTS RMS AT SEA LEVEL;
 200 TO 325 VOLTS RMS AT 70,000 FEET.
 INSULATION RESISTANCE: 1 MEGOHM MINIMUM.

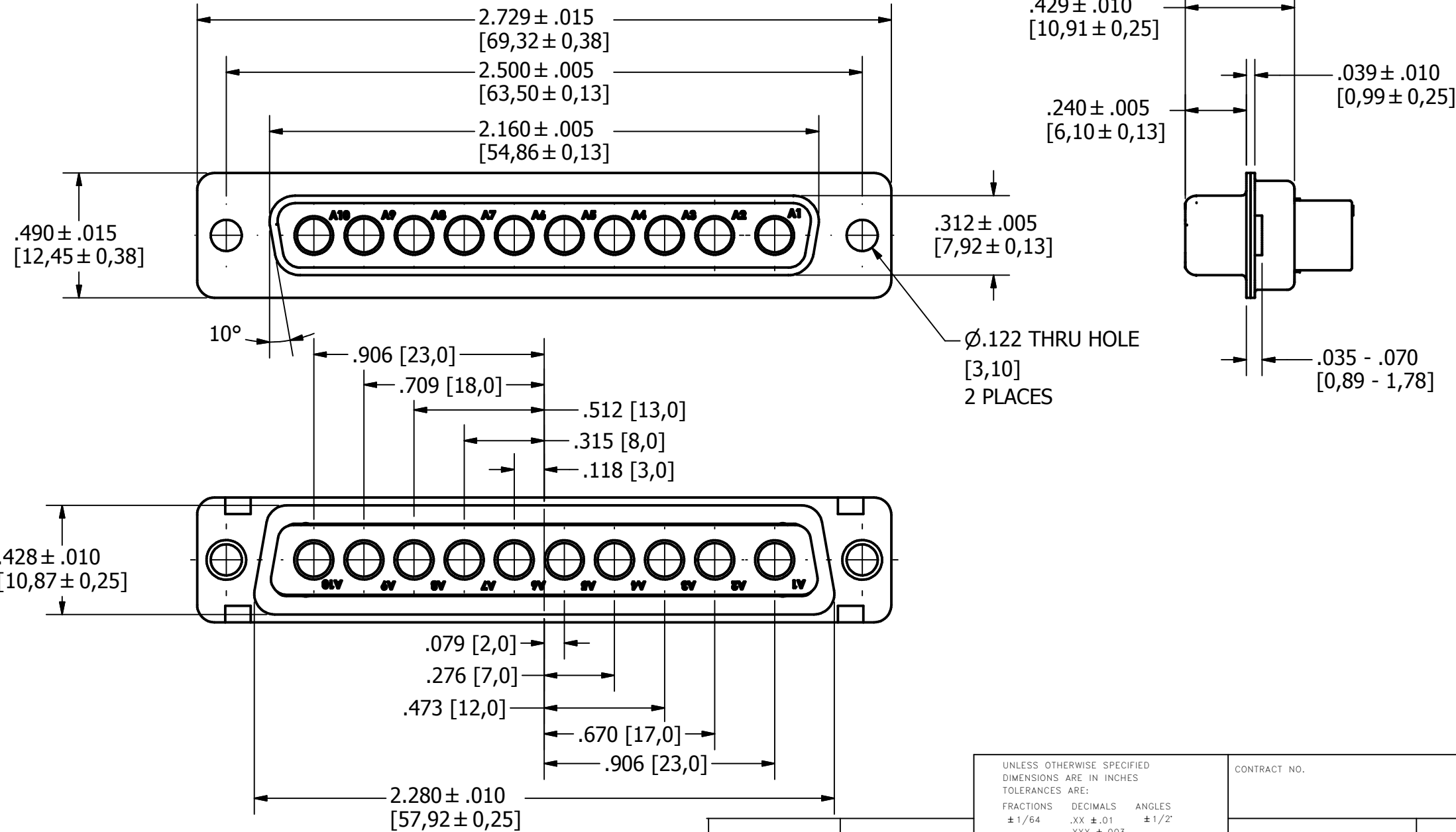
4.) MECHANICAL PROPERTIES:
 OPERATING TEMPERATURE: -67° F TO +257° F (-55° C TO +125° C).
 SHOCK RESISTANCE: NO INTERRUPTION OF ELECTRICAL CONTINUITY LONGER THAN 1 MICROSECOND.
 VIBRATION RESISTANCE: NO INTERRUPTION OF ELECTRICAL CONTINUITY LONGER THAN 1 MICROSECOND.

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 6.) CONNECTOR MEETS REQUIREMENTS OF MIL-C-24308, LATEST REVISION.

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REV	DESCRIPTION	DATE	APPROVAL
A	ECN#11740 RELEASED FOR PRODUCTION	7/26/2013	



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NEXT ASSEMBLY	USED ON	SIZE B	FSCM NO. 60563	DWG. NO. PTRR10W105	REV. A
APPLICATIONS		DO NOT SCALE DRAWING		SCALE 2 X 1	SHEET 1 OF 1

SPECIFICATIONS:
 1.) MATERIALS:
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 SHELLS: COLD ROLLED STEEL, PER ASTM A568 AND ASTM A620.

2.) FINISHES AND COLOR:
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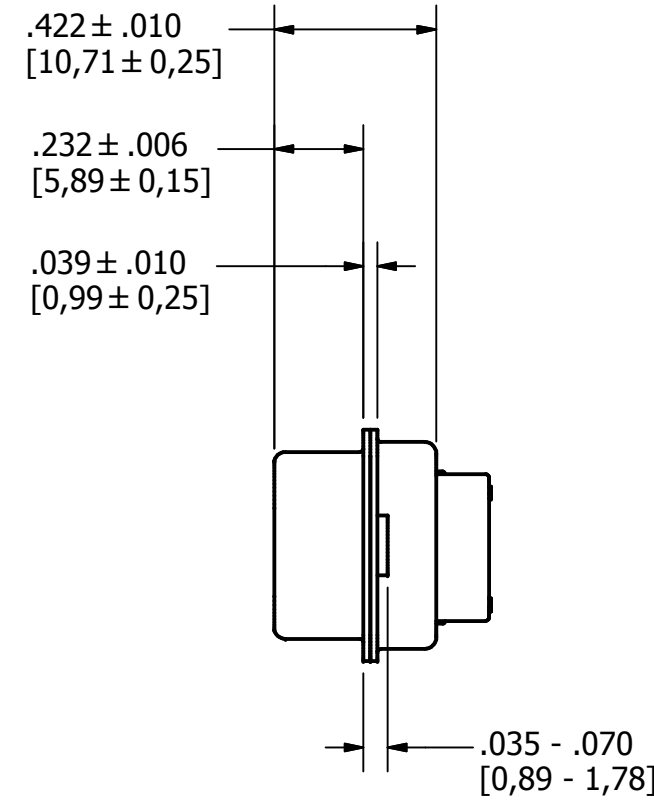
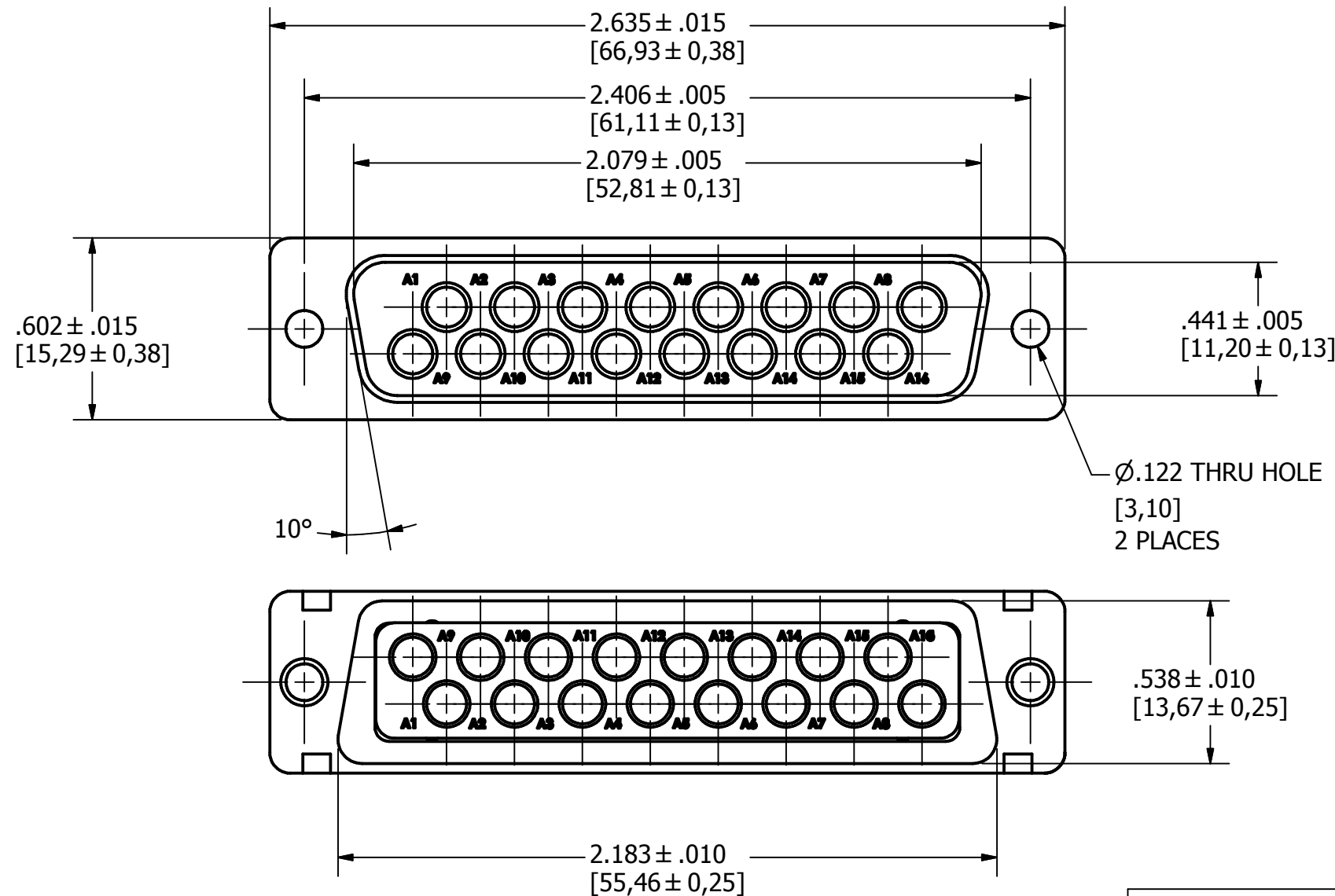
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REV	DESCRIPTION	DATE	APPROVAL
A	ECN#11740 RELEASED FOR PRODUCTION	7/26/2013	



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APPROVALS	DATE	APPROVALS	DATE	HD, D-SUB CONNECTOR, SIZE 12 PTRP16W165, PLUG, CLRCROM / ZINC	
DRAWN R.M.Bradley	4/19/2013	CHECKED			
ISSUED		SIZE	FSCM NO.	DWG. NO.	REV.
		B	60563	PTRP16W165	A
SCALE	2 X 1	SHEET 1 OF 1			

4

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2

1

SPECIFICATIONS:

1.) MATERIALS:
 INSERTS: VALOX, TYPE GPT-30F, PER MIL-M-24519.
 SHELLS: COLD ROLLED STEEL, PER ASTM A568 AND ASTM A620.

2.) FINISHES AND COLOR:
 INSERT: BLACK.
 SHELLS: RoHS COMPLIANT, HIGH RESISTANCE CLEAR CHROMATE OVER ZINC, PER ASTM B633, CLASS FE/ZN12 (.000500 MIN.), SERVICE CONDITION SC3, TYPE III.

3.) ELECTRICAL PROPERTIES:
 DIELECTRIC STRENGTH:
 500 TO 1,000 VOLTS RMS AT SEA LEVEL;
 200 TO 325 VOLTS RMS AT 70,000 FEET.
 INSULATION RESISTANCE: 1 MEGOHM MINIMUM.

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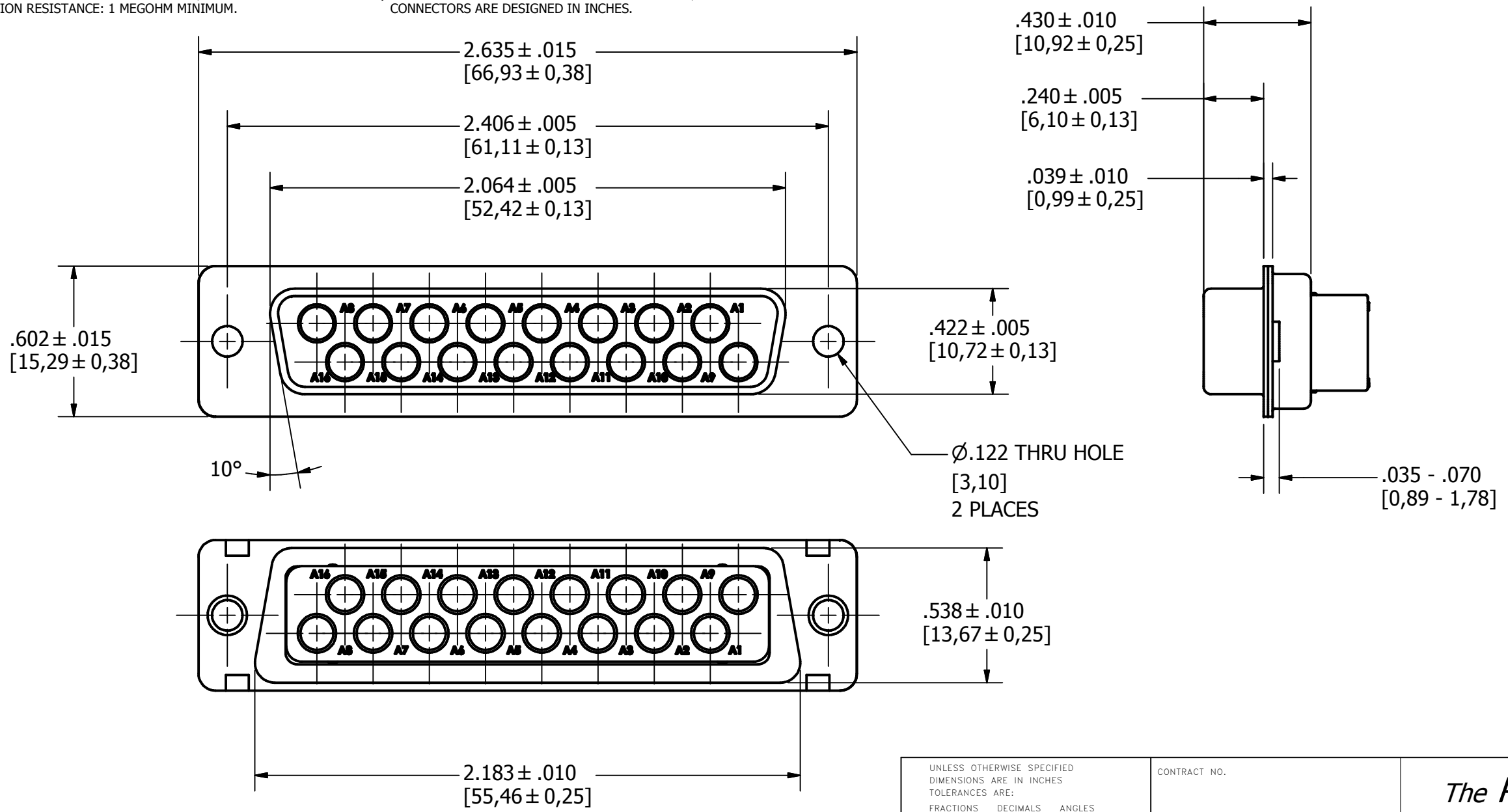
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NEXT ASSEMBLY	USED ON
APPLICATIONS	

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DO NOT SCALE DRAWING		DATE 4/19/2013

<i>The PHOENIX Company of Chicago™</i>			
HD, D-SUB CONNECTOR, SIZE 12 PTRR16W165, RECEPTACLE, CLRCROM / ZINC			
SIZE B	FSCM NO. 60563	DWG. NO. PTRR16W165	REV. A
SCALE 2 X 1		SHEET 1 OF 1	

4

3

2

1