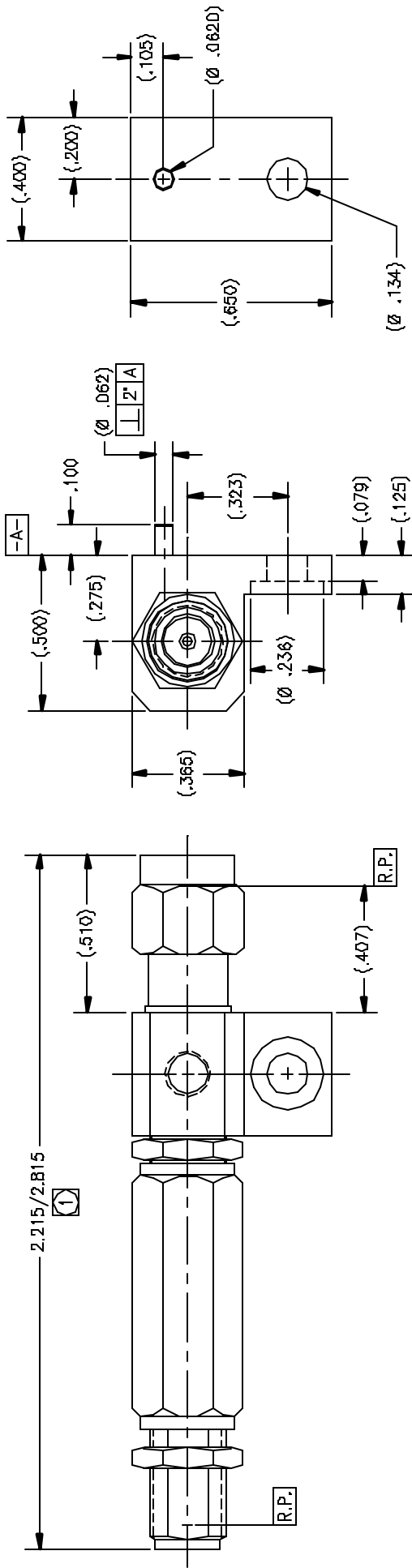


4	3	2	1
F/N	FIGURE(S)	REV	DATE
-1CCSF	1	A	ECO 21451
-2CCSF	2		
-3CCSF	3		
-4CCSF	4		

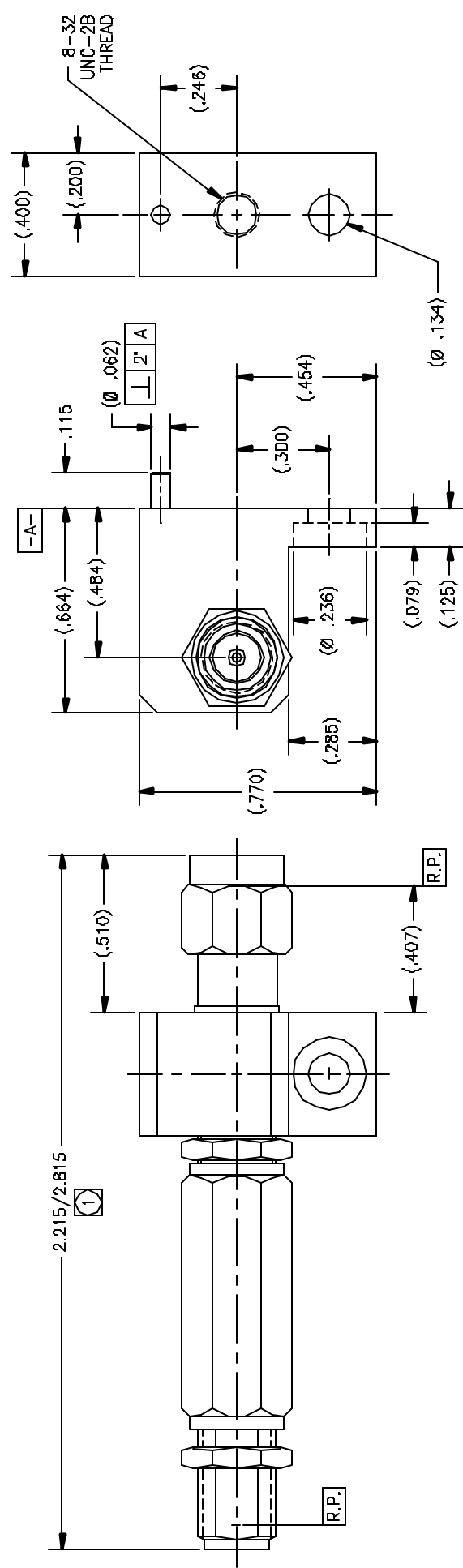
(SEE OUTLINE CONFIGURATION ON NEXT PAGES)

1 CONNECTOR SHALL HAVE IT'S PHASE ADJUSTMENT SET TO 260±20° (2.515 OVERALL LENGTH) AND LOCKED PRIOR TO PACKING FOR SHIPMENT.

<p>MATERIAL(S): Body(M), Bracket, Locknut & Coupling Nut: 303 sst per ASTM A-582. Body(Fe): BeCu alloy per ASTM B-196. Retaining Ring & Center Conductor: BeCu alloy per ASTM B-196. Dielectric: FIFE per ASTM D-1710. Gasket: Silicone per A-A-59588. Screw: Alloy Steel Dowel Pin: 416 Stainless Steel Epoxy: Loctite</p>	<p>ELECTRICAL(S): Impedance: 50 Ohms nominal. Frequency Range: DC to 26 GHz. VSWR: 1.30:1 Max to 26 GHz. Insertion Loss: .07 √f(GHz) dB max R.F. Leakage: -80dB max</p>	<p>MECHANICAL(S): Mating Characteristics: Interface per Mil-Std-348. Phase Shift: 260° min.</p>	<p>ENVIRONMENTAL(S): Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 108, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B.</p>												
<p>FINISH(ES): Body(M), Bracket, Locknut & Coupling Nut: Passivate per ASTM A-967. Body(Fe) & Center Conductor: Gold plate per ASTM B-488, over nickel underplate per AMS-600-N-290.</p>															
<p>APPLICABLE TENSOLITE DOCUMENTS</p> <table border="1"> <tr> <td>WORK STD</td> <td>PROD INST</td> <td>ASST INST</td> </tr> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </table> <p>NOTICE THE TENSOLITE DOCUMENTS ARE THE PROPERTY OF TENSOLITE. NO PART OF THESE DOCUMENTS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF TENSOLITE.</p>				WORK STD	PROD INST	ASST INST	NA	NA	NA						
WORK STD	PROD INST	ASST INST													
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<p>TOLERANCES AND NOTES EXCEPT AS NOTED</p> <table border="1"> <tr> <td>UNLESS SPECIFIED OTHERWISE</td> <td>UNLESS SPECIFIED OTHERWISE</td> </tr> <tr> <td>1. UNLESS SPECIFIED OTHERWISE</td> <td>2. UNLESS SPECIFIED OTHERWISE</td> </tr> <tr> <td>3. UNLESS SPECIFIED OTHERWISE</td> <td>4. UNLESS SPECIFIED OTHERWISE</td> </tr> <tr> <td>5. UNLESS SPECIFIED OTHERWISE</td> <td>6. UNLESS SPECIFIED OTHERWISE</td> </tr> <tr> <td>7. UNLESS SPECIFIED OTHERWISE</td> <td>8. UNLESS SPECIFIED OTHERWISE</td> </tr> <tr> <td>9. UNLESS SPECIFIED OTHERWISE</td> <td>10. UNLESS SPECIFIED OTHERWISE</td> </tr> </table>				UNLESS SPECIFIED OTHERWISE	UNLESS SPECIFIED OTHERWISE	1. UNLESS SPECIFIED OTHERWISE	2. UNLESS SPECIFIED OTHERWISE	3. UNLESS SPECIFIED OTHERWISE	4. UNLESS SPECIFIED OTHERWISE	5. UNLESS SPECIFIED OTHERWISE	6. UNLESS SPECIFIED OTHERWISE	7. UNLESS SPECIFIED OTHERWISE	8. UNLESS SPECIFIED OTHERWISE	9. UNLESS SPECIFIED OTHERWISE	10. UNLESS SPECIFIED OTHERWISE
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9. UNLESS SPECIFIED OTHERWISE	10. UNLESS SPECIFIED OTHERWISE														
<p>SEE NOTE(S)</p> <table border="1"> <tr> <td>MATERIAL</td> <td>DATE</td> </tr> <tr> <td>ASST</td> <td>04/23/03</td> </tr> </table>		MATERIAL	DATE	ASST	04/23/03	<p>SEE NOTE(S)</p> <p>—</p>									
MATERIAL	DATE														
ASST	04/23/03														
<p>APPROVALS</p> <table border="1"> <tr> <td>DESIGNED BY</td> <td>DATE</td> </tr> <tr> <td>TEST ENG</td> <td></td> </tr> <tr> <td>TEST PROC</td> <td></td> </tr> <tr> <td>TEST PLAN</td> <td></td> </tr> <tr> <td>TEST PROC</td> <td></td> </tr> <tr> <td>TEST PLAN</td> <td></td> </tr> </table>		DESIGNED BY	DATE	TEST ENG		TEST PROC		TEST PLAN		TEST PROC		TEST PLAN		<p>SEE NOTE(S)</p> <p>—</p>	
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<p>TENSOLITE HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815</p> <p>PHASE ADJUSTER ADAPTER SMA FEMALE TO SMA MALE W/ MOUNTING BRACKET</p> <p>SOLE SOURCE: 4/1 DATE: 08/22/03 PRICE CODE: 5996 ORDER NO: C 50990</p>															

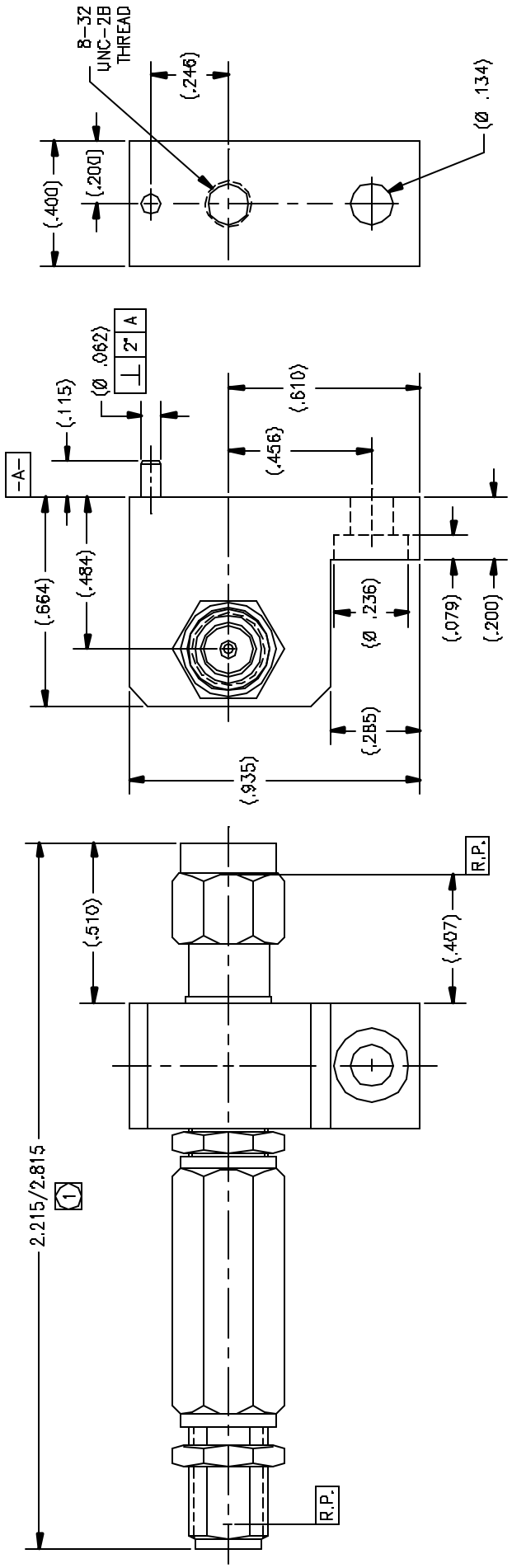


(FIGURE 1)

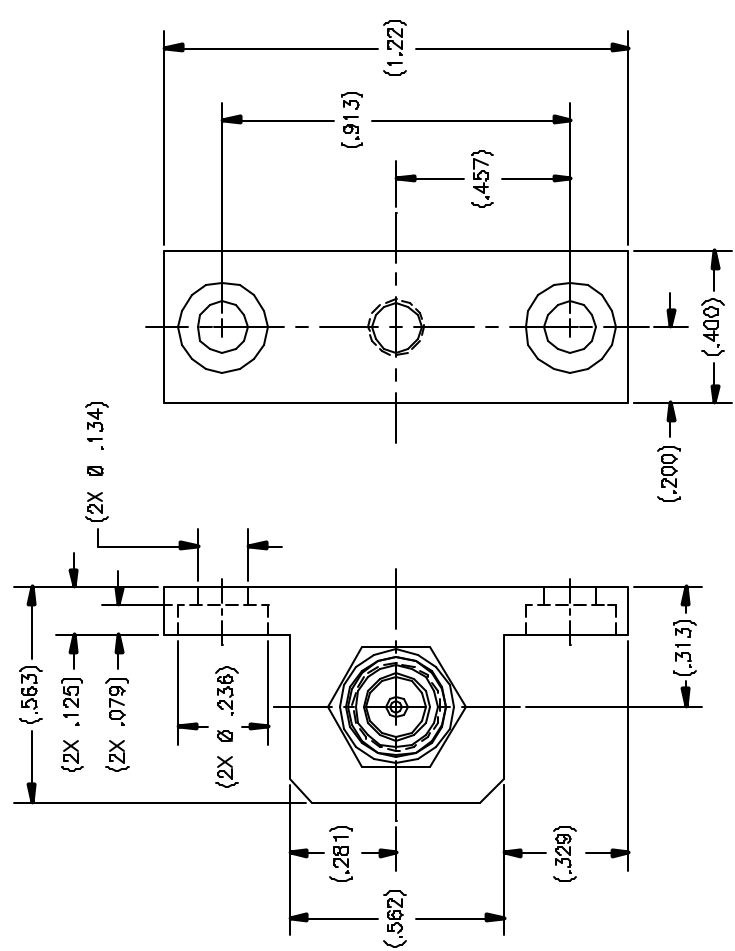


(FIGURE 2)

DATE	REV.	BY	APP.
4/1	3	2	3
SIZE	SCALE	PROJ. NO.	5996
C	30990	REV.	A



(FIGURE 3)



(FIGURE 4)

DATE	REV.	BY	CHKD.	APP'D.
4/1	3			
SIZE	SCALE	PROJ. NO.	REV. NO.	REV.
C	30990	5996	3	A