

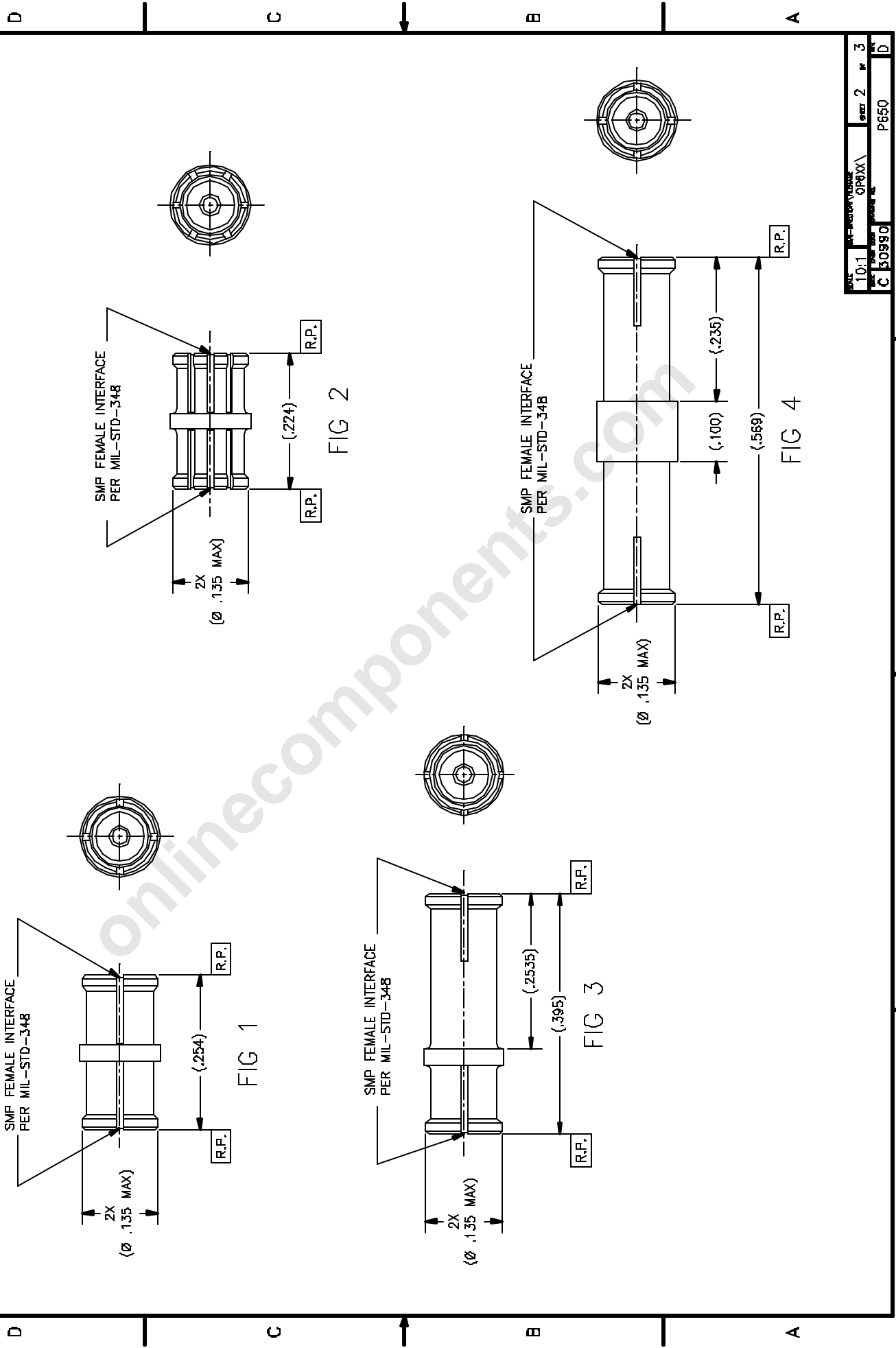
P/N	FIGURE(S)
-100	1
-200	2
-300	3
-400	4

REV	DESCRIPTION	DATE	BY
B	ECO 11644	06.09.00	IM/S
C	ECO 12048	08.01.00	DKN
D	ECO 19365	06.22.06	DKN

FORM NO. P-65D

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
<p>BODY & CENTER CONDUCTOR: BeCu ALLOY PER ASTM B-196</p> <p>INSULATOR: PIFE TEFLON PER ASTM D-1710</p>	<p>Impedance: 50 Ohms Nom.</p> <p>Freq. Range: DC TO 40 GHz</p> <p>VSWR: 1.10 + .012" (GHz)</p> <p>Insertion Loss: .04 x \sqrt{f} GHz</p> <p>Working Voltage: 335 Vrms @ Sea Level</p> <p>Insulation Resistance: 5000 Mohms</p> <p>Dielectric Withstand Voltage: 500 V rms</p> <p>RF HiPot Voltage: 325 Vrms Min @ 5MHz</p> <p>Corona Level: 190 Vrms @ 70,000 ft</p> <p>RF Leakage: -80 dB max to 3.0 GHz</p> <p>-65 dB max to 18.0 GHz</p> <p>Contact Resistance: Center Contact: 6.0 Milliohms Outer Contact: 2.0 Milliohms</p>	<p>Interface Dimensions: Conform Factory</p> <p>Connector Durability: 500 Cycles</p> <p>Center Contact Retention: 2 lbs Min. Axial N/A Radial</p> <p>Force to Engage and Disengage: 2.5 lbs Engage 1.5 lbs Disengage</p>	<p>Temp. Range: -65°C to +155°C</p> <p>Thermal Shock: MIL-STD-202, Method 107, Test Cond. B</p> <p>Moisture Resistance: MIL-STD-202, Method 108, Insulation resistance at least 200 Megaohms within 5 minutes after removal from humidity</p> <p>Corrosion: MIL-STD-202, Method 101, Test Cond. B</p> <p>Vibration: MIL-STD-202, Method 204, Test Cond. D</p> <p>Shock: MIL-STD-202, Method 213, Test Cond. I</p>

FINISH:	APPLICABLE TENSOLITE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	SEE NOTE(S)	SEE NOTE(S)						
<p>BODY & CENTER CONDUCTOR: GOLD PLATE PER ASTM B-488 OVER NICKEL PLATE PER AMS-QQ-N-290</p>	<table border="1"> <thead> <tr> <th>WORK STD</th> <th>FREQ INST</th> <th>ASST INST</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p>NOTICE</p> <p>THE DRAWING IS THE PROPERTY OF TENSOLITE. IT IS TO BE USED ONLY FOR THE PROJECT AND QUANTITY SPECIFIED THEREON. IT IS NOT TO BE REPRODUCED, COPIED, 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	FREQ INST	ASST INST	NA	NA	NA	<p>1. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO BE HOLD.</p> <p>2. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO BE HOLD.</p> <p>3. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO BE HOLD.</p> <p>4. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO BE HOLD.</p> <p>5. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO BE HOLD.</p> <p>6. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO BE HOLD.</p> <p>7. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO BE HOLD.</p> <p>8. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO BE HOLD.</p> <p>9. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO BE HOLD.</p> <p>10. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO BE HOLD.</p>	<p>APPROVALS:</p> <p>DESIGNER: [Signature]</p> <p>CHECKER: [Signature]</p> <p>DATE: 08/13/98</p> <p>TEST DATE: 08/23/98</p> <p>TEST BY: [Signature]</p> <p>TEST NO: [Number]</p> <p>TEST SITE: [Location]</p>	<p>APPROVALS:</p> <p>DESIGNER: [Signature]</p> <p>CHECKER: [Signature]</p> <p>DATE: 08/13/98</p> <p>TEST DATE: 08/23/98</p> <p>TEST BY: [Signature]</p> <p>TEST NO: [Number]</p> <p>TEST SITE: [Location]</p>
WORK STD	FREQ INST	ASST INST								
NA	NA	NA								



SMP FEMALE INTERFACE
PER MIL-STD-34B

FIG 1

SMP FEMALE INTERFACE
PER MIL-STD-348

FIG 2

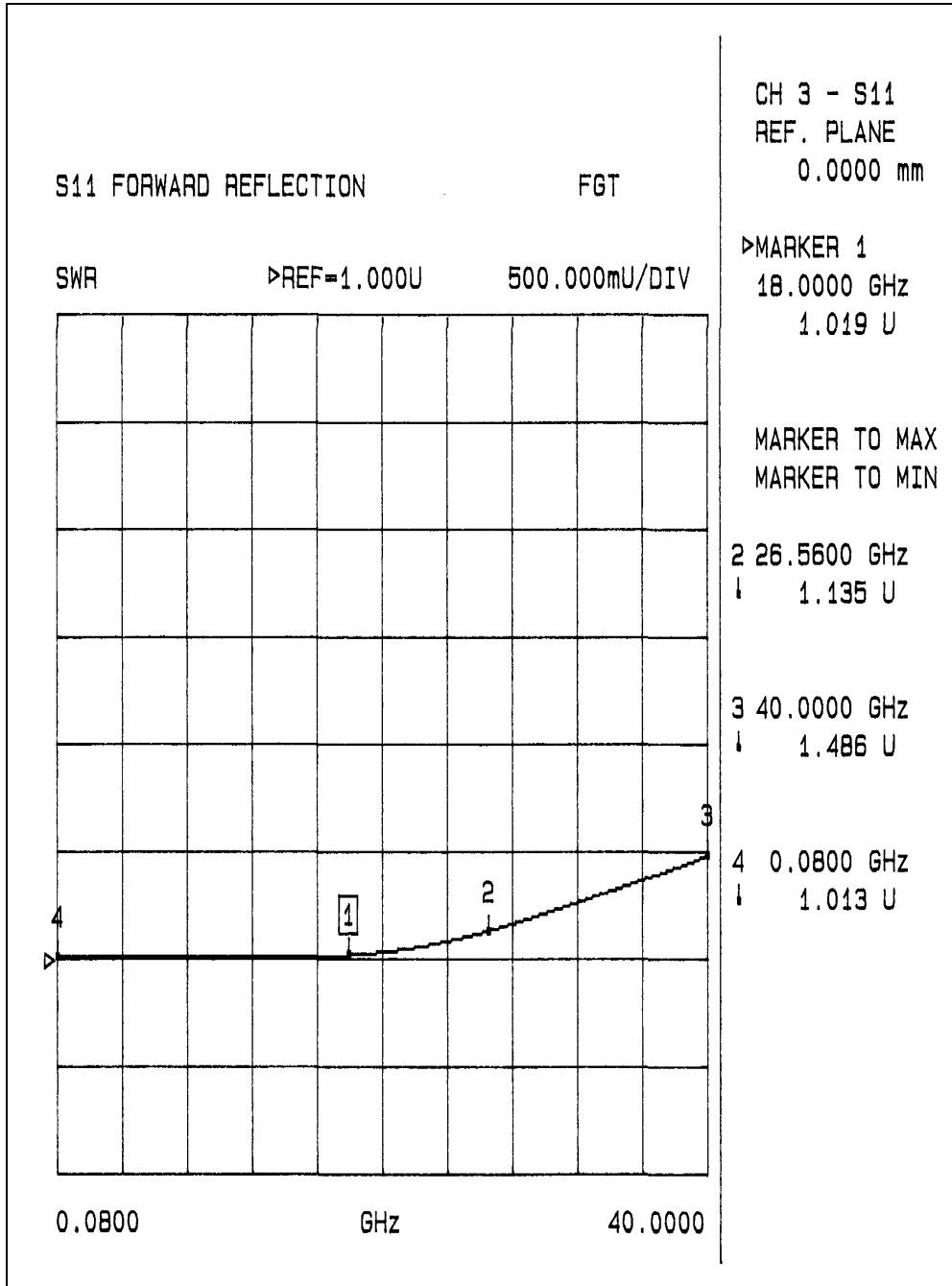
SMP FEMALE INTERFACE
PER MIL-STD-34B

FIG 3

FIG 4

REV	DATE	BY	CHK
3		2	3
2		2	3
1		2	3
C 50990		P650	
C 50990		P650	

D C B A



NAME	CLP6XX	REV	3
DATE	10/23/2015	PROJECT NO.	P650
USER	C 30990		D

1
2
3
4

1
2
3
4

FOR P650-1CC

D C B A