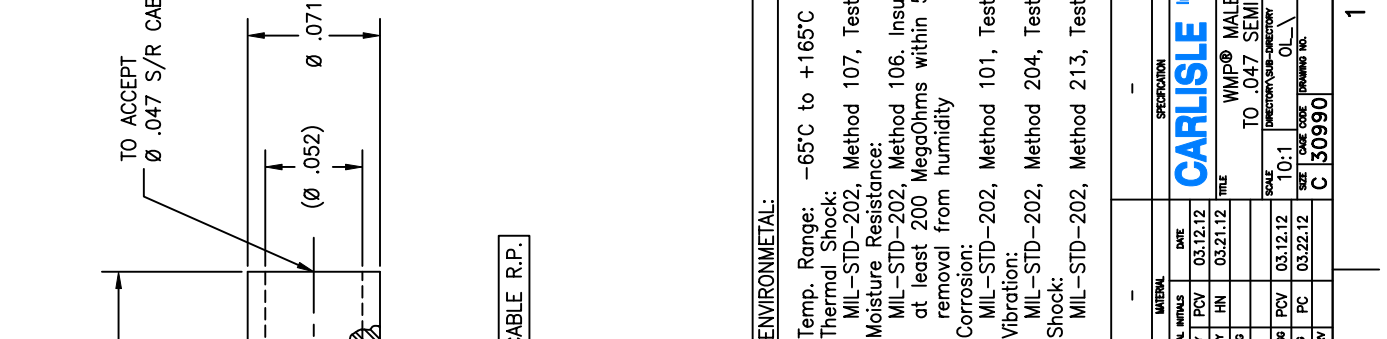
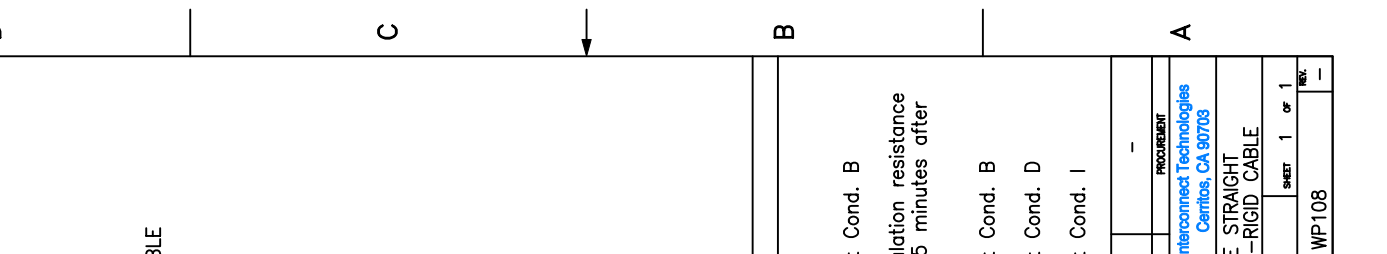


P/N	Ø A	INTERFACE(S)
-1CC	(.057)	DETENT
-2CC	(.060)	NON-DETENT

REV	DESCRIPTION	DATE	BY
-	INITIAL RELEASE	03.12.12	PCV

REVISIONS	DESCRIPTION	DATE	BY
1			
2			
3			
4			



**MATERIAL:**

Body: 303 sst per ASTM A-582  
 Center conductor: BeCu alloy per ASTM B-196  
 Insulator: PTFE Teflon per ASTM D-1710

**ELECTRICAL:**

Impedance: 50 Ohms Nom.  
 Freq. Range: DC TO 100 GHz  
 VSWR: 1.25 DC TO 65GHz  
 Insertion Loss: .12 x √f GHz  
 Dielectric Withstand Voltage: 250 Vrms  
 Insulation Resistance: 3,500 MegaOhms  
 Contact Resistance: 2.0 Milliohms  
 RF Leakage: -(80 - fGHz) dB

**MECHANICAL:**

Interface Dimensions:  
 Consult Factory  
 Connector Durability:  
 100 Min. Cycles  
 Force to Engage:  
 Full Detent: 2.5 lbs  
 Smooth Bore: 1.6 lbs.  
 Force to Disengage:  
 Full Detent: 4.5 lbs  
 Smooth Bore: 2.5 lbs.

**ENVIRONMENTAL:**

Temp. Range: -65°C to +165°C  
 Thermal Shock:  
 MIL-STD-202, Method 107, Test Cond. B  
 Moisture Resistance:  
 MIL-STD-202, Method 106. Insulation resistance at least 200 MegaOhms within 5 minutes after removal from humidity  
 Corrosion:  
 MIL-STD-202, Method 101, Test Cond. B  
 Vibration:  
 MIL-STD-202, Method 204, Test Cond. D  
 Shock:  
 MIL-STD-202, Method 213, Test Cond. I

FINISH:	APPLICABLE CARLISLE IT DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED																								
Body & Center conductor: Gold plate per ASTM B-488 over nickel underplate per AMS-QQ-N-290	<table border="1"> <tr> <td>WORK STD</td> <td>PROD INST</td> <td>ASSY INST</td> </tr> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </table> <p><b>NOTICE</b></p> <p>THE DRAWING ENCOMPASSES A CONCEPTUAL DESIGN ORIGINATED BY CARLISLE INTERCONNECT TECHNOLOGIES AND ALL DESIGN MANUFACTURING, REVISIONS, AND DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE DRAWING IS PROVIDED FOR INFORMATION ONLY AND IS NOT TO BE USED FOR MANUFACTURE OR REPAIR. THE DRAWING IS THE PROPERTY OF CARLISLE INTERCONNECT TECHNOLOGIES AND IS NOT TO 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. UNAUTHORIZED PERSONS SHALL NOT BE PERMITTED TO REPRODUCE OR TRANSMIT THIS DRAWING IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF CARLISLE INTERCONNECT TECHNOLOGIES, CARLISLE, CA 94703.</p>	WORK STD	PROD INST	ASSY INST	NA	NA	NA	<table border="1"> <tr> <td>APPROVAL BY</td> <td>DATE</td> <td>PROCESSED</td> </tr> <tr> <td>PCV</td> <td>03.12.12</td> <td></td> </tr> <tr> <td>TEST ENGR</td> <td></td> <td></td> </tr> <tr> <td>DESIGN ENGR</td> <td>03.12.12</td> <td></td> </tr> <tr> <td>MFG ENGR</td> <td>PC</td> <td></td> </tr> <tr> <td>ECC APPROV</td> <td>03.22.12</td> <td></td> </tr> </table>	APPROVAL BY	DATE	PROCESSED	PCV	03.12.12		TEST ENGR			DESIGN ENGR	03.12.12		MFG ENGR	PC		ECC APPROV	03.22.12	
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**CARLISLE** Interconnect Technologies  
 Carrissos, CA 94703

WMP® MALE STRAIGHT  
 TO .047 SEMI-RIGID CABLE

SCALE: 10:1  
 DIRECTORY: SHIP-DIRECTORY  
 CASE CODE: 0L  
 SHEET 1 OF 1  
 DRAWING NO.: WP108  
 C 30990

ENG-DWG REV. E 4