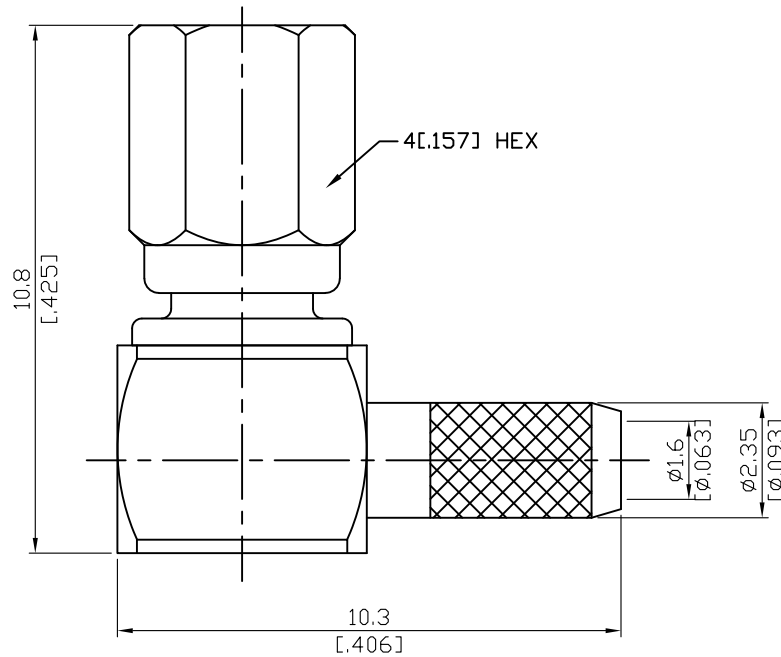


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SSMC3100-9316

SSMC Plug Crimp Right Angle
For RG174, RG188, RG316, RG316-FEP; 6GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Suitable Cables:RG174, RG188, RG316, RG316-FEP

SSMC	SSMC3100-9316																						
<table border="0"> <tr> <td colspan="2" data-bbox="167 342 571 392">Electrical Data</td> </tr> <tr> <td data-bbox="167 398 837 436">Impedance</td> <td data-bbox="853 398 1436 436">50Ω</td> </tr> <tr> <td data-bbox="167 443 837 481">Frequency range</td> <td data-bbox="853 443 1436 481">DC to 6GHz</td> </tr> <tr> <td data-bbox="167 488 837 526">VSWR</td> <td data-bbox="853 488 1436 526">≤ 1.2 (DC to 6GHz)</td> </tr> <tr> <td data-bbox="167 533 837 571">Insertion loss</td> <td data-bbox="853 533 1436 571">≤ 0.1 x √f(GHz)dB</td> </tr> <tr> <td data-bbox="167 577 837 616">Insulation resistance</td> <td data-bbox="853 577 1436 616">≥ 10000MΩ</td> </tr> <tr> <td data-bbox="167 622 837 660">Contact resistance inner conductor</td> <td data-bbox="853 622 1436 660">≤ 5mΩ</td> </tr> <tr> <td data-bbox="167 667 837 705">Contact resistance outer conductor</td> <td data-bbox="853 667 1436 705">≤ 2.5mΩ</td> </tr> <tr> <td data-bbox="167 712 837 750">Dielectric withstanding voltage (at sea level)</td> <td data-bbox="853 712 1436 750">500 V rms</td> </tr> <tr> <td data-bbox="167 757 837 795">Working voltage (at sea level)</td> <td data-bbox="853 757 1436 795">175 V rms</td> </tr> <tr> <td data-bbox="167 801 837 840">RF- leakage</td> <td data-bbox="853 801 1436 840">≥ 70dB to 1GHz</td> </tr> </table>		Electrical Data		Impedance	50Ω	Frequency range	DC to 6GHz	VSWR	≤ 1.2 (DC to 6GHz)	Insertion loss	≤ 0.1 x √f(GHz)dB	Insulation resistance	≥ 10000MΩ	Contact resistance inner conductor	≤ 5mΩ	Contact resistance outer conductor	≤ 2.5mΩ	Dielectric withstanding voltage (at sea level)	500 V rms	Working voltage (at sea level)	175 V rms	RF- leakage	≥ 70dB to 1GHz
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SSMC3100-9316	DATE	2014/04/29	REV	—
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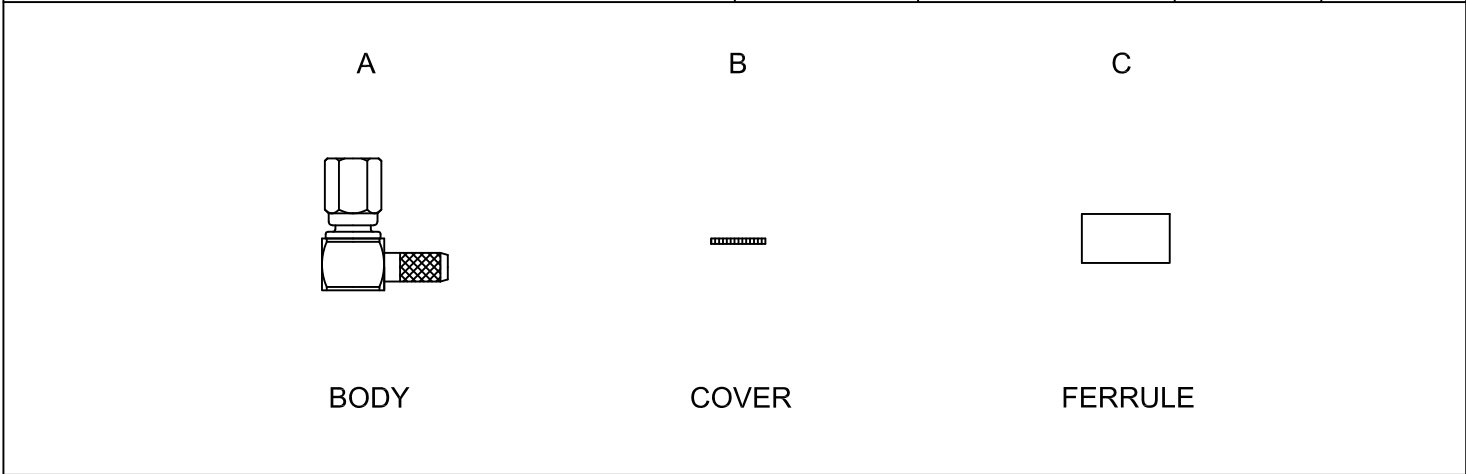
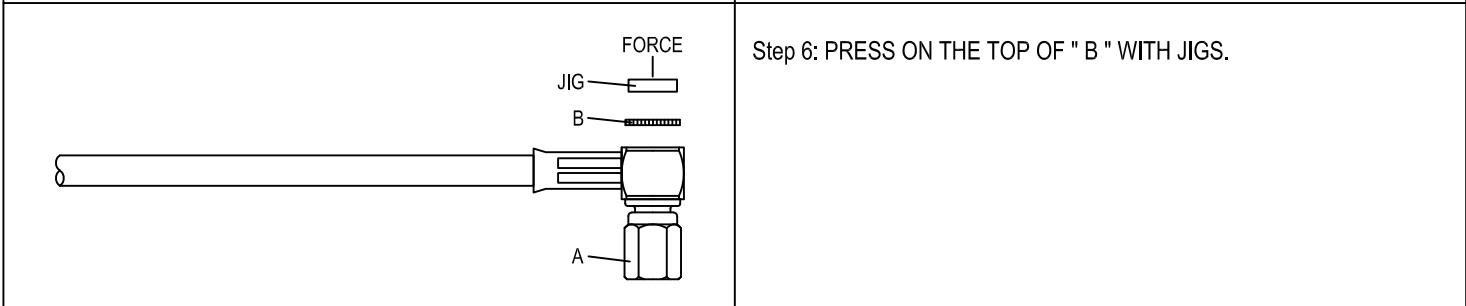
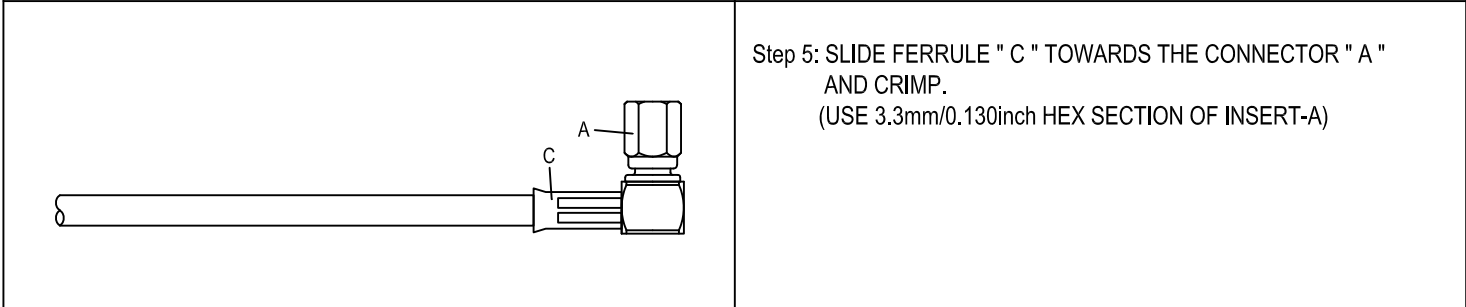
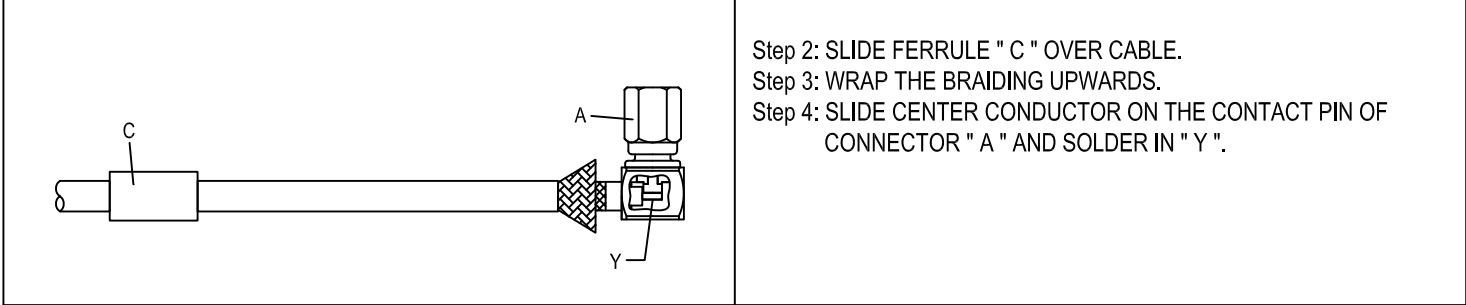
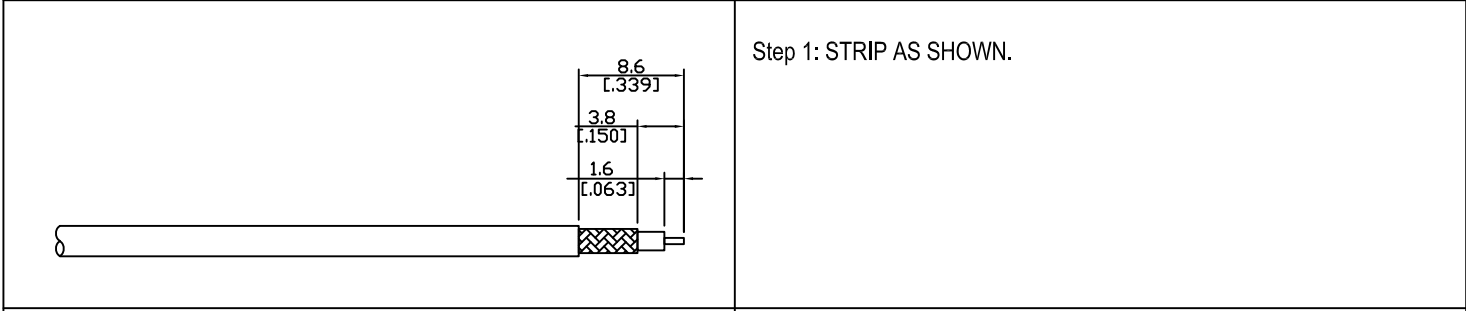


DIAGRAM	ASSEMBLY INSTRUCTION
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APPROVED	CHECKED	DRAWING
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