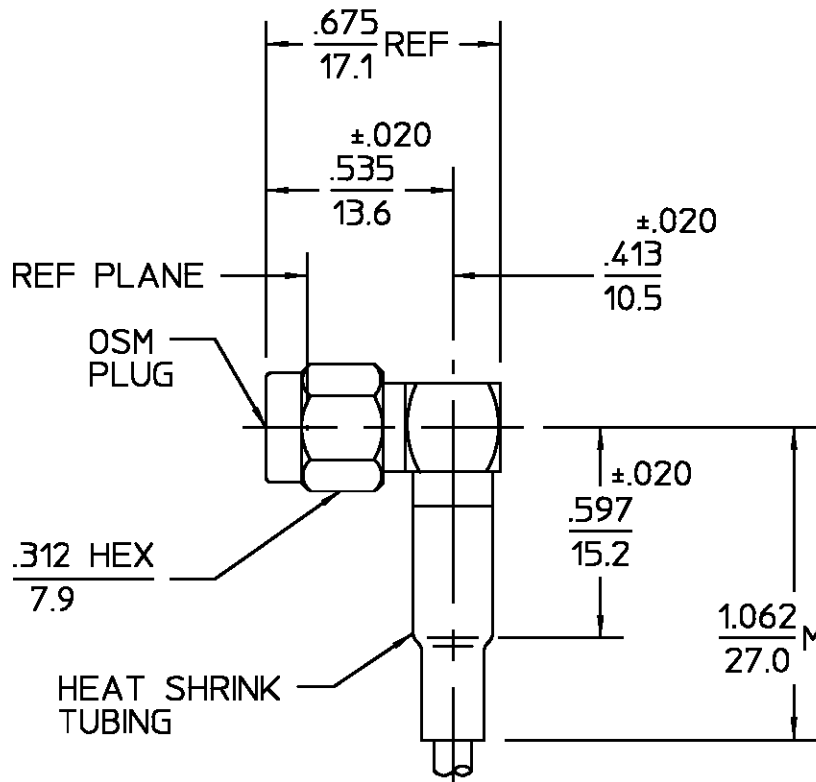


		DESIGNED FOR USE WITH RD-316/U FLEXIBLE CABLE OR EQUIVALENT		REVISIONS																																															
		CABLE ENTRY DIAMETER MINIMUM		REV	DESCRIPTION	DATE	APPROVED																																												
		FERRULE .135 HOUSING .067 CONTACT .025		01	RELEASED	03/21/95	AD																																												
COPY IN PUERTO RICO DESIGN CONTROL REQUIRED																																																			
<table><tr><th>ELECTRICAL</th><th>MECHANICAL</th><th>ENVIRONMENTAL</th></tr><tr><td>Nominal Impedance (Ohms) 50 Frequency Range (GHz) DC to MAX Operating Frequency of Cable per MIL-C-17 Volt Rating (VRMS MAX) @ Sea Level 250 VSWR 1.15 + .03f(GHz) Insertion Loss (dB MAX) .15 √f(GHz) RF Leakage (dB MIN) -(60-fGHz) Corona, 70,000 Ft (VRMS MIN) 190 Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750 Contact Resistance (Milliohms MAX) Center Contact 4.0 Outer Contact 2.0 Cable to Housing 0.5 RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500 I.R.(Megohms MIN) 10,000</td><td>Interface Dimensions MIL-STD-348A, Fig. 310.1 Recommended Mating Torque 7-10 In-Lbs Mating Characteristics: Insertion (MAX Lbs) N/A Withdrawal (MIN Oz) N/A Force to Engage and Disengage (In-Lbs MAX) 2.0 Center Contact Captivation Axial (Lbs) 6.0 Radial (In-Oz) 4.0 Cable Retention Axial Force (Lbs MIN) 25 Torque (In-Oz) N/A Weight (Grams) 4.6</td><td>Temperature Rating -65°C to +105°C Vibration MIL-STD-202, Method 204, Condition D Shock MIL-STD-202, Method 213, Condition I Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C Moisture Resistance MIL-STD-202, Method 106 Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray .XXX = in XX.X = mm</td></tr></table>		ELECTRICAL	MECHANICAL	ENVIRONMENTAL	Nominal Impedance (Ohms) 50 Frequency Range (GHz) DC to MAX Operating Frequency of Cable per MIL-C-17 Volt Rating (VRMS MAX) @ Sea Level 250 VSWR 1.15 + .03f(GHz) Insertion Loss (dB MAX) .15 √f(GHz) RF Leakage (dB MIN) -(60-fGHz) Corona, 70,000 Ft (VRMS MIN) 190 Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750 Contact Resistance (Milliohms MAX) Center Contact 4.0 Outer Contact 2.0 Cable to Housing 0.5 RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500 I.R.(Megohms MIN) 10,000	Interface Dimensions MIL-STD-348A, Fig. 310.1 Recommended Mating Torque 7-10 In-Lbs Mating Characteristics: Insertion (MAX Lbs) N/A Withdrawal (MIN Oz) N/A Force to Engage and Disengage (In-Lbs MAX) 2.0 Center Contact Captivation Axial (Lbs) 6.0 Radial (In-Oz) 4.0 Cable Retention Axial Force (Lbs MIN) 25 Torque (In-Oz) N/A Weight (Grams) 4.6	Temperature Rating -65°C to +105°C Vibration MIL-STD-202, Method 204, Condition D Shock MIL-STD-202, Method 213, Condition I Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C Moisture Resistance MIL-STD-202, Method 106 Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray .XXX = in XX.X = mm	<table><tr><td>HOUSING COUPLING NUT CAP</td><td>STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303</td><td>PASSIVATE PER QQ-P-35</td></tr><tr><td>DIELECTRIC</td><td>TFE FLUOROCARBON PER ASTM-D-1457</td><td>N/A</td></tr><tr><td>CENTER CONTACT</td><td>BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H</td><td>GOLD PLATE PER MIL-G-45204</td></tr><tr><td>RETAINING RING</td><td>BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H</td><td>N/A</td></tr><tr><td>GASKET</td><td>SILICONE RUBBER PER ZZ-R-765</td><td>N/A</td></tr><tr><td>SHRINK TUBING</td><td>HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4</td><td>N/A</td></tr><tr><td>FERRULE</td><td>COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM</td><td>TIN-LEAD PLATE PER MIL-P-81728 OVER COPPER PLATE PER MIL-C-14550</td></tr></table>		HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35	DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A	CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204	RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A	GASKET	SILICONE RUBBER PER ZZ-R-765	N/A	SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A	FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	TIN-LEAD PLATE PER MIL-P-81728 OVER COPPER PLATE PER MIL-C-14550	<table><tr><th>COMPONENT</th><th>MATERIAL</th><th>FINISH</th></tr><tr><td>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</td><td colspan="2">DRAWN BY AD DATE 03/21/95</td></tr><tr><td>FRAC. DEC. ANGLES</td><td colspan="2">CHECKED BY</td></tr><tr><td>± 1/64 ±.005 ± 1°</td><td colspan="2">APPD BY</td></tr><tr><td rowspan="3">These drawings and specifications are the property of M/A COM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.</td><td>USE ASSY PROCEDURE</td><td>TITLE OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT</td></tr><tr><td>408-04982 NO. A.P. (20-490)</td><td>SIZE B CODE IDENT NO. 26805 1250-1295-02 REV 01</td></tr><tr><td colspan="2">SCALE 2 : 1 SHEET 1 OF 1</td></tr></table>		COMPONENT	MATERIAL	FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY AD DATE 03/21/95		FRAC. DEC. ANGLES	CHECKED BY		± 1/64 ±.005 ± 1°	APPD BY		These drawings and specifications are the property of M/A COM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	USE ASSY PROCEDURE	TITLE OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT	408-04982 NO. A.P. (20-490)	SIZE B CODE IDENT NO. 26805 1250-1295-02 REV 01	SCALE 2 : 1 SHEET 1 OF 1	
ELECTRICAL	MECHANICAL	ENVIRONMENTAL																																																	
Nominal Impedance (Ohms) 50 Frequency Range (GHz) DC to MAX Operating Frequency of Cable per MIL-C-17 Volt Rating (VRMS MAX) @ Sea Level 250 VSWR 1.15 + .03f(GHz) Insertion Loss (dB MAX) .15 √f(GHz) RF Leakage (dB MIN) -(60-fGHz) Corona, 70,000 Ft (VRMS MIN) 190 Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750 Contact Resistance (Milliohms MAX) Center Contact 4.0 Outer Contact 2.0 Cable to Housing 0.5 RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500 I.R.(Megohms MIN) 10,000	Interface Dimensions MIL-STD-348A, Fig. 310.1 Recommended Mating Torque 7-10 In-Lbs Mating Characteristics: Insertion (MAX Lbs) N/A Withdrawal (MIN Oz) N/A Force to Engage and Disengage (In-Lbs MAX) 2.0 Center Contact Captivation Axial (Lbs) 6.0 Radial (In-Oz) 4.0 Cable Retention Axial Force (Lbs MIN) 25 Torque (In-Oz) N/A Weight (Grams) 4.6	Temperature Rating -65°C to +105°C Vibration MIL-STD-202, Method 204, Condition D Shock MIL-STD-202, Method 213, Condition I Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C Moisture Resistance MIL-STD-202, Method 106 Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray .XXX = in XX.X = mm																																																	
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35																																																	
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A																																																	
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204																																																	
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A																																																	
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A																																																	
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A																																																	
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	TIN-LEAD PLATE PER MIL-P-81728 OVER COPPER PLATE PER MIL-C-14550																																																	
COMPONENT	MATERIAL	FINISH																																																	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY AD DATE 03/21/95																																																		
FRAC. DEC. ANGLES	CHECKED BY																																																		
± 1/64 ±.005 ± 1°	APPD BY																																																		
These drawings and specifications are the property of M/A COM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	USE ASSY PROCEDURE	TITLE OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT																																																	
	408-04982 NO. A.P. (20-490)	SIZE B CODE IDENT NO. 26805 1250-1295-02 REV 01																																																	
	SCALE 2 : 1 SHEET 1 OF 1																																																		
CUSTOMER DRAWING AMP PART # 1046251-1 SHEET 1 OF 1 REV A																																																			