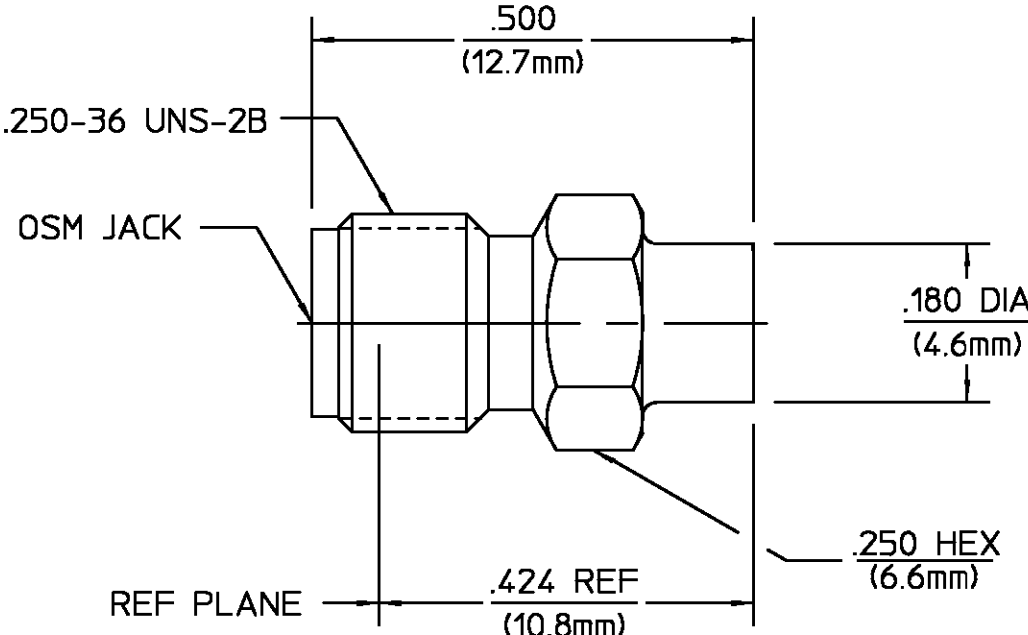


			DESIGNED FOR USE WITH .141 DIA S.R. CABLE CABLE ENTRY DIAMETER MINIMUM		REVISIONS									
			HOUSING CONTACT		.144 .039		REV	DESCRIPTION	DATE	APPROVED				
					02 ₂	REDRAWN NO CHANGES	9/17/81	T.SCAN						
					02 ₃	AP 20-371 WAS 20-009 PER ECN 88-0683	4/1/88	BDW 4/5/88						
					02 ₄	REVISED PER ECN 92-0045-2	MY 3/9/92	CW						
<table><tr><th>ELECTRICAL</th><th>MECHANICAL</th><th>ENVIRONMENTAL</th></tr><tr><td>Nominal Impedance (Ohms) <u>50</u> Frequency Range (GHz) DC to <u>18</u> Volt Rating (VRMS MAX) ⊗ Sea Level <u>500</u> VSWR <u>1.05±.005f(GHz)</u> Insertion Loss (dB MAX) <u>.03x √f(GHz)</u> RF Leakage (dB MIN) <u>-[90-f(GHz)]</u> Corona, 70,000 Ft (VRMS MIN) <u>375</u> Dielectric Withstanding Voltage (VRMS MIN) ⊗ Sea Level <u>1500</u> Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>0.5</u> RF High Potential ⊗ Sea Level (VRMS MIN ⊗ 5 MHz) <u>1000</u> I.R.(Megohms MIN) <u>10000</u></td><td>Interface Dimensions MIL-STD-348A, Fig 310.2 Mating Characteristics: Insertion (MAX Lbs) <u>3</u> Withdrawal (MIN Oz) <u>1</u> Force to Engage & Disengage (In-Lbs MAX) <u>2</u> Center Contact Captivation Axial (Lbs) <u>N/A</u> Cable Retention Axial Force (Lbs MIN) <u>60</u> Torque (In-Oz MIN) <u>55</u> Weight (Grams) <u>TBD</u></td><td>Temperature Rating <u>-65°C to +105°C</u> 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 Moisture Resistance MIL-STD-202, Method 106 Corrosion - MIL-STD-202, Method 101, Condition B</td></tr></table>			ELECTRICAL	MECHANICAL	ENVIRONMENTAL	Nominal Impedance (Ohms) <u>50</u> Frequency Range (GHz) DC to <u>18</u> Volt Rating (VRMS MAX) ⊗ Sea Level <u>500</u> VSWR <u>1.05±.005f(GHz)</u> Insertion Loss (dB MAX) <u>.03x √f(GHz)</u> RF Leakage (dB MIN) <u>-[90-f(GHz)]</u> Corona, 70,000 Ft (VRMS MIN) <u>375</u> Dielectric Withstanding Voltage (VRMS MIN) ⊗ Sea Level <u>1500</u> Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>0.5</u> RF High Potential ⊗ Sea Level (VRMS MIN ⊗ 5 MHz) <u>1000</u> I.R.(Megohms MIN) <u>10000</u>	Interface Dimensions MIL-STD-348A, Fig 310.2 Mating Characteristics: Insertion (MAX Lbs) <u>3</u> Withdrawal (MIN Oz) <u>1</u> Force to Engage & Disengage (In-Lbs MAX) <u>2</u> Center Contact Captivation Axial (Lbs) <u>N/A</u> Cable Retention Axial Force (Lbs MIN) <u>60</u> Torque (In-Oz MIN) <u>55</u> Weight (Grams) <u>TBD</u>	Temperature Rating <u>-65°C to +105°C</u> 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 Moisture Resistance MIL-STD-202, Method 106 Corrosion - MIL-STD-202, Method 101, Condition B	HOUSING DIELECTRIC CENTER CONTACT		STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303 TFE FLUOROCARBON PER ASTM-D-1457 BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H		GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290 N/A GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550	
ELECTRICAL	MECHANICAL	ENVIRONMENTAL												
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COMPONENT		MATERIAL		FINISH										
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		DRAWN BY D.CAM DATE 9/17/81 CHECKED BY T.SCAN 9/17/81 APPD BY T.SCAN 9/17/81		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599										
These drawings and specifications are the property of Omni Spectra Incorporated 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 ASS'Y PROCEDURE 408-04767 NO. AP. (20-009)		TITLE OSM STRAIGHT CABLE JACK - DIRECT SOLDER ATTACHMENT										
SIZE B		CODE IDENT NO. 26805		2002-5015-00										
SCALE 5:1		SHEET 1 OF 1		REV 02 ₄										