

REV. A

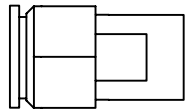
DATE 3/30/05

PRODUCTION RELEASE

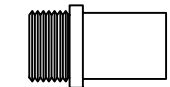
APPROVED MAB

CONNECTOR BILL OF MATERIALS

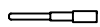
CABLE STRIPPING & CONNECTOR ASSEMBLY



COUPLING NUT ASSY



REAR CLAMP BODY



MALE PIN



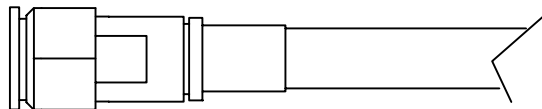
CABLE FERRULE



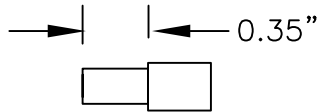
INSULATOR DISK



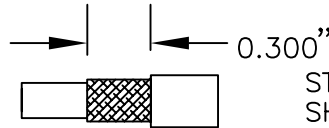
FORWARD INSULATOR



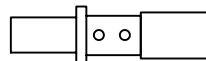
CABLE ASSEMBLY



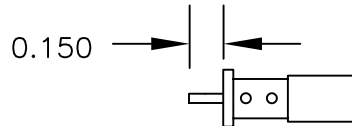
SLIDE REAR CLAMP BODY ONTO CABLE STRIP CABLE DOWN TO DIELECTRIC



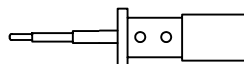
STRIP CABLE DOWN TO OUTER SHIELD



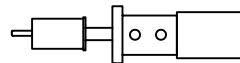
SLIDE CABLE FERRULE OVER SHIELD, USE A THIN RUBBER BAND WRAPPED AROUND SHIELD TO HOLD WIRES IN PLACE.



TRIM DIELECTRIC FLUSH TO THE FACE OF THE CABLE FERRULE & CUT CENTER CONDUCTOR TO LENGTH



SLIDE INSULATOR DISK ON, PUT CENTER PIN INTO PLACE & SOLDER PIN HOLDING CENTER PIN FIRMLY AGAINST DISK. SLIDE FORWARD INSULATOR ON.



INSTALL COUPLING NUT ASSEMBLY OVER FORWARD INSULATOR, THREAD REAR CLAMP BODY TO COUPLING NUT ASSEMBLY & TIGHTEN TO 40 INCH POUNDS. LOCK TIGHT CAN BE USED TO FURTHER SECURE THE CONNECTOR.

NOTE: NO EXCESS SOLDER SHOULD BE EXPOSED ON THE CABLE FERRULE, OR THE CONNECTOR PIN. THIS COULD EFFECT ELECTRICAL PERFORMANCE, OR MECHANICAL ASSEMBLY.

MATERIAL	TREATMENT	DRAWN	ACAD	DATE	9/9/02
FINISH	MOD NO.	CHECKED		DATE	
CONNECTOR/CABLE ASSEMBLY TM-300			MAB	DATE	3/30/05
			APPROVED	DATE	
			CAGE CODE: OR8N4	DO NOT SCALE DWG	
ADVANCED TECHNICAL MATERIALS, INC. 49 RIDER AVE., PATCHOGUE N.Y. 11772 TEL: (631) 289-0386 FAX: (631) 289-0358 http://www.atmmicrowave.com		UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		FRACTIONS ±1/64 DECIMALS ±.01 ANGLES ±1/2°	SHEET.
				SCALE DWG. NO. 7211	REV. A