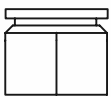
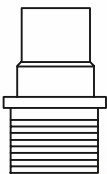


CONNECTOR BILL OF MATERIALS



COUPLING NUT ASSY



MID BODY



FORWARD INSULATOR



MALE SC PIN



DIELECTRIC RING



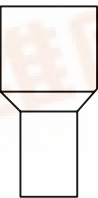
REAR INSULATOR



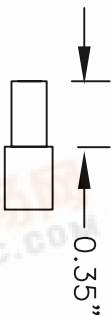
CENTER CONDUCTOR CONTACT



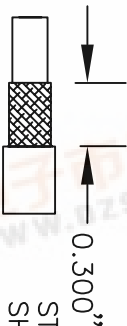
CABLE FERRULE



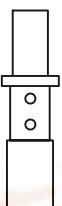
REAR CLAMP BODY



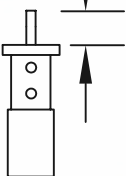
SLIDE REAR CLAMP BODY ONTO CABLE  
STRIP CABLE DOWN TO DIELECTRIC



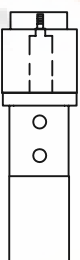
STRIP CABLE DOWN TO OUTER  
SHIELD



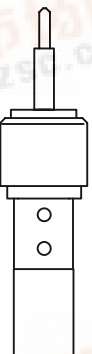
SLIDE CABLE FERRULE OVER  
SHIELD, USE A THIN RUBBER BAND  
WRAPPED AROUND SHIELD TO  
HOLD WIRES IN PLACE.



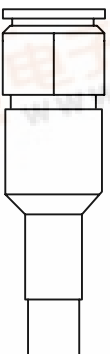
TRIM DIELECTRIC FLUSH TO THE  
FACE OF THE CABLE FERRULE &  
CUT CENTER CONDUCTOR TO LENGTH



INSTALL CENTER CONTACT OVER CENTER CONDUCTOR  
& SOLDER. SLIDE REAR INSULATOR OVER CONTACT



INSTALL DIELECTRIC RING OVER REAR INSULATOR



INSTALL FORWARD INSULATOR OVER MALE PIN

INSTALL MID BODY INTO COUPLING NUT ASSEMBLY  
SLIDE REAR CLAMP BODY FORWARD AND THREAD  
MID BODY TO REAR CLAMP BODY, TORQUE TO 30 IN/LB

REV.	DATE	PRODUCTION RELEASE	APPROVED
A	3/30/05		MAB

CABLE STRIPPING & CONNECTOR ASSEMBLY

CONNECTOR/CABLE  
ASSEMBLY SCM-300

ADVANCED TECHNICAL MATERIALS, INC.  
49 RIDER AVE., PATCHOGUE N.Y. 11772  
TEL: (631) 289-0386 FAX: (631) 289-0358  
http://www.atmmicrocable.com



THE INFORMATION IN THIS DRAWING  
IS UNLESS OTHERWISE NOTED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:

UNLESS OTHERWISE  
NOTED DIMENSIONS  
ARE IN INCHES  
TOLERANCES ARE:

FRACTIONS DECIMALS ANGLES  
 $\pm 1/64$   $\pm .01$   $\pm 1/2$

CAGE CODE: ORBN4 DO NOT SCALE DWG

DRAWN	ACAD	DATE	9/9/02
CHECKED	MAB	DATE	3/30/05
APPROVED		DATE	

SCALE

DWG. NO. 6674

SHEET 1

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

CABLE ASSEMBLY