

NOTES:

1.

STRIP, TIN, & SOLDER PIGTAIL (1) AND CABLE (6). INSULATE CONNECTIONS USING HEAT SHRINK (7&8).
2.

MEG CHECK PER DATASONICS TEST PROCEDURE 601A BEFORE POTTING.
3.

INSULATE WRAP USING HEAT SHRINK (14). ABRASE 9.5" OVERALL, USING THE MIDDLE OF THE SPLICE AS CENTER.
4.

CLEAN WITH SOLVENT & PRIME ABRADED AREA WITH CONAP PR1167. LET CURE 1/2 HR. @ 60-80° C
5.

APPLY MOLD RELEASE MR-5002 TO MOLD C100-08581/C100-06540.
6.

ASSEMBLE MOLD AROUND CABLE/PIGTAIL CONNECTION ENSURING THAT CONNECTIONS ARE CENTERED IN MOLD AND CABLE/PIGTAIL IS LINE UP STRAIGHT
7.

INJECT MIXED/EVACUATED URETHANE (11&12) WITH PIGMENT (3) INTO MOLD PREVENTING AIR ENTAPMENT. LET CURE 16 HRS. @ 80°C.
8.

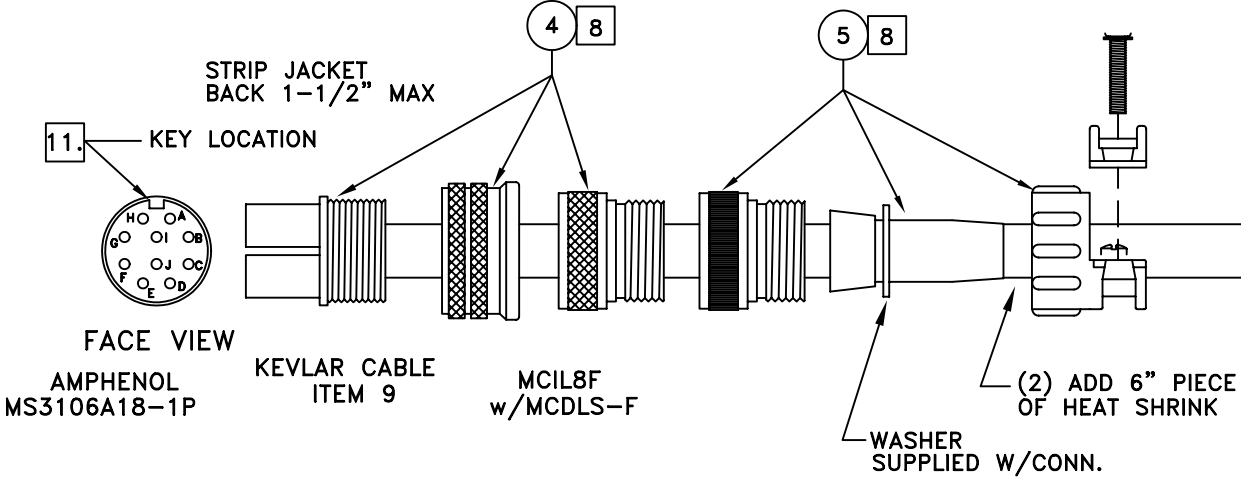
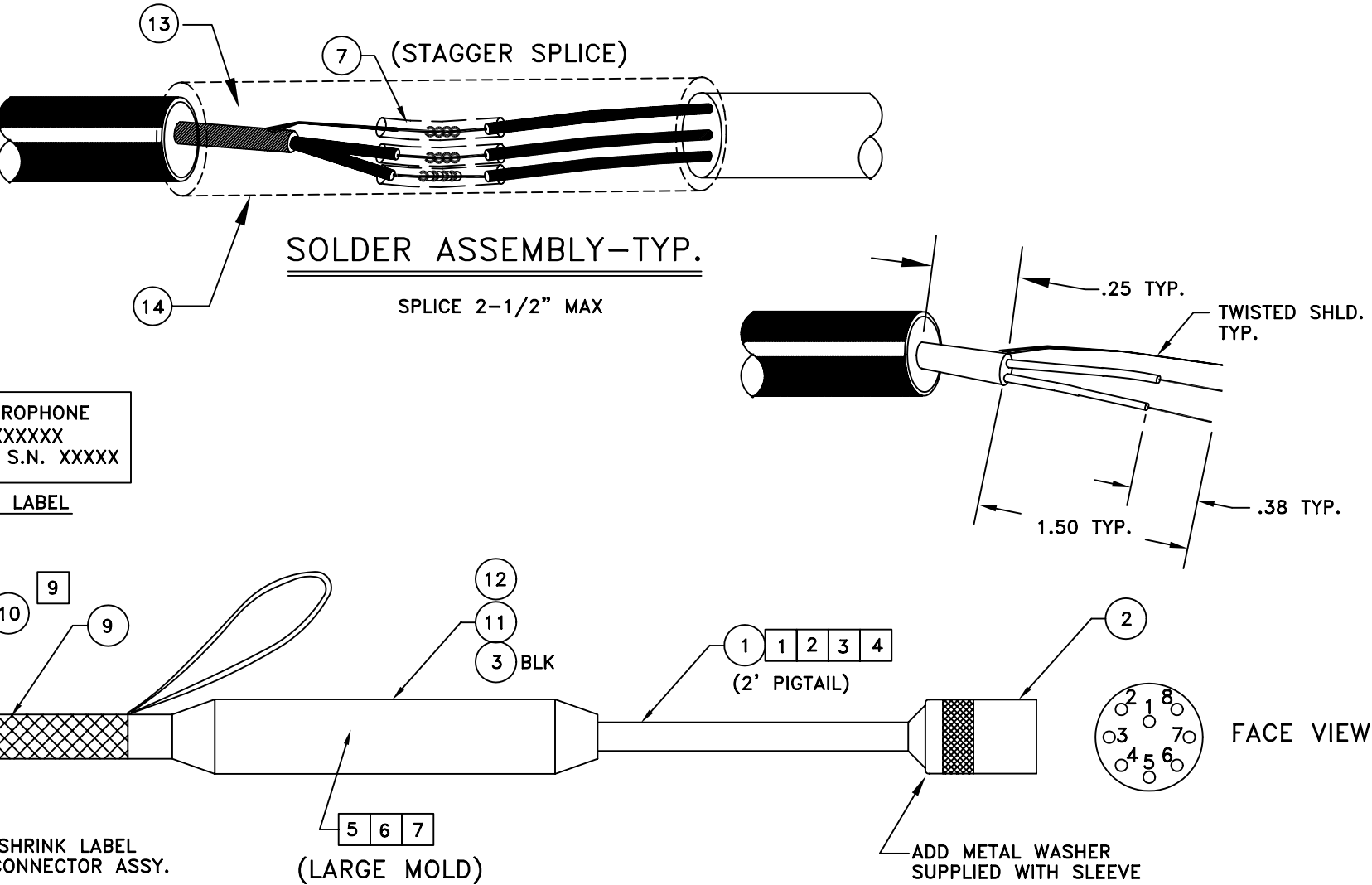
STRIP KEVLAR CABLE BACK, EXPOSING WIRES. STRIP AND TIN WIRES. SLIDE CABLE THROURH PARTS OF ITEM 4 AND 5 AS SHOWN. SOLDER WIRES TO CONNECTOR, PART OF ITEM 4 AS SHOWN.
9.

INSTALL CABLE GRIP (9) AND CLAMP (10).
10.

MEG CHECK PER TEST PROCEDURE (TP.TETHER) AFTER LEAK TEST.
11.

CHECK KEY LOCATION OF F/N 4 SHOULD BE AS SHOWN, IF NOT REPOSITION INSERT.
12.

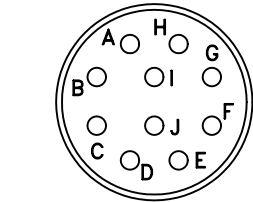
CHECK FOR CONTINUITY PRIOR TO MOLDING.



A	Coax center conductor	1	BLACK
B	Coax Shield	2	WHITE
C	Bare Wire	3	RED
D	Small Red	4	GREEN
E	Small Black	5	ORANGE
F	Small Green	6	BLUE
G	Large Black	7	WHT/BLK
H	Large White	8	RED/BLK
I	NC		
J	NC		

USE WITH ATM-891		
DASH	PART #	"L"
-5	012288	25M
-6	012289	50M
-7	012290	75M
-8	012291	100M
-9	011889	200M

WIRING DIAGRAM



SOLDER CUP VIEW

							TOLERANCES EXCEPT AS NOTED	CONFIDENTIAL	 49 Edgerton Drive North Falmouth, MA. 02556 U.S.A.		
							DECIMAL .X=±.015 .XX=±.010 .XXX ±.005	This document and the information contained therein is proprietary and confidential to Benthos, Inc. and may not be used, reproduced, or disclosed without the express written consent of Benthos.			
							FRACTIONAL ±1/64 Hole size ±1/32 General	DRAWN BY: GC	ASSY, CBL, DECK LIGHTWEIGHT		
							ANGULAR ±1°	CHECKED BY:			
							BREAK SHARP EDGES EXCEPT AS NOTED R.010	APPROVED BY:	DRAWING NUMBER: B-270-103		
							63/ ALL surfaces except as noted	DRAWING FILE NAME: B270103A.DWG			
12/08/05	A	---	RELEASE	GC					DATE: 12/08/05	SCALE: NONE	REVISION A
DATE	REV	ECO NO	DESCRIPTION	DR	CHK	APPR					SHEET 1 OF 1