

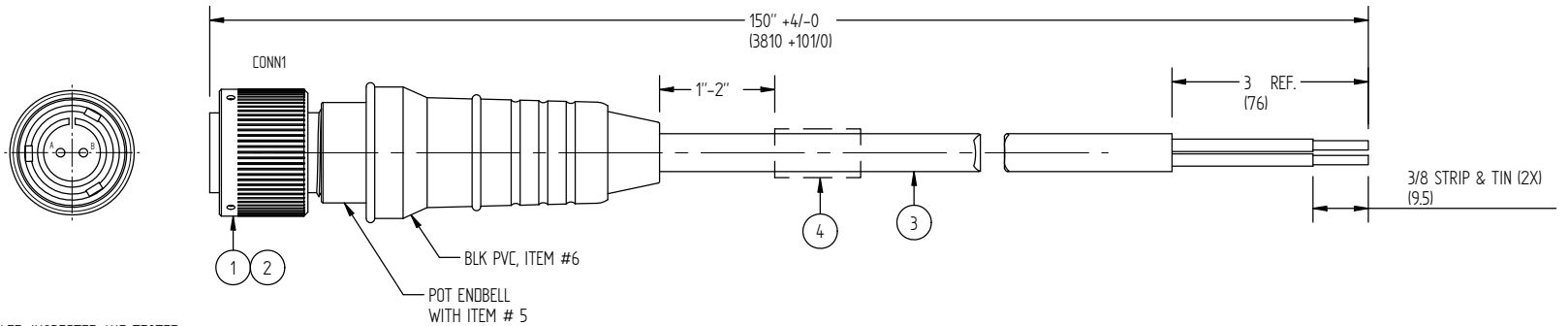
COMPANY NAME: _____
 PRINTED NAME: _____
 SIGNATURE: _____
 DATE: _____
 TEL. #: _____

THE PRODUCT DESCRIBED IN THIS DRAWING USES STANDARD MATERIALS AND DESIGN APPROACHES THAT ARE DESCRIBED IN THE PEI-GENESIS CABLE ASSEMBLY COOK BOOK AND/OR THE PEI-GENESIS CABLE ASSEMBLY WORK BOOK. THIS PRODUCT AS ASSEMBLED IS NOT SUBJECT TO EXPORT RESTRICTIONS ACCORDING TO THE ITAR GUIDELINES. USERS OF THIS PRODUCT WHO INCORPORATE IT INTO OTHER PRODUCTS ARE RESPONSIBLE FOR DETERMINATION OF THE APPLICABILITY OF EXPORT RESTRICTIONS TO THEIR COMPLETED PRODUCT.

EXISTING BILL OF MATERIAL ENTRIES ON QUANTITY OR SIZE OF HEATSHRINK TUBING, LABELS AND TAPES ARE SUBJECT TO UPDATES FOR MANUFACTURABILITY IMPROVEMENTS.

REVISIONS

REV	ZONE	ECD #	DESCRIPTION	DRAWN BY	APPD BY	DATE
A			RELEASE FOR EVT	AA	SW	04/30/07
B			POTTING NOTE ADDED IN THE DRAWING, ITEM 1 DESCRIPTION CORRECTED.	AA	SW	05/02/07
C			RELEASE FOR DVT	AA	SW	05/03/07
D			ITEM 3, CHANGED FROM AUF-TC122 TO AUF-TC142	AA	SW	05/22/07
E	3C	0803-0001	ASSY LENGTH WAS CHANGED FROM 138 TO 150 INCH	AA	SW	04/01/08
F		ECD# 0910-0001	BACK POTTING MATERIAL REPLACED WAS HOTMELT PER CUSTOMER REQUEST	JKHF	SDL	10/01/09



NOTES:

- PARTS MUST BE COMPLETELY ASSEMBLED, INSPECTED AND TESTED. REFER TO TABLE A FOR COMPLETE LIST OF MATERIALS.
- REFERENCES AND STANDARDS
 ASME Y14.5M-1994
 CONVERTING AND ROUND OFF 1 INCH = 25.4 MM APPLIES.
- FOR PRODUCT COMPLIANCE VERIFICATION, PART MUST MEET THE REQUIREMENTS AND ACCEPTANCE FOR CABLE AND WIRE HARNESSSES, IN ACCORDANCE WITH IPC/WHMA-A-620 AND PEI-GENESIS APPROVED ENGINEERING AND MANUFACTURING PROCESSES.
- LISTED PART NUMBER ARE FOR REFERENCE ONLY. FOR UPDATED PARTS LIST, REFER TO CURRENT BILL OF MATERIAL.
- REFER TO PEI-GENESIS WORKMANSHIP STANDARD, CAPI AND QUALITY GUIDELINES FOR MANUFACTURING STD. REQUIREMENTS.
- PACKAGING: PEI - GENESIS STANDARD PACKING.
- LABEL: WHT PRINT ON BLACK BACKGROUND. SEE LABEL FORMAT.

TABLE A

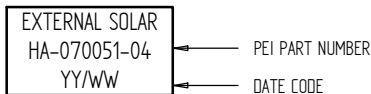
ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	REQ'D QTY	UNIT
1	CB6U18-3S0	CB 2C 2#12 SKT PLUG W/ ENDBELL	1	EA
2	031-8557-000	CAB CON 12 SKT 14/12 F80 A36	2	EA
3	AUF-TC142	2C #14 AWG ULTRAFLEX 600 V	152	IN
4	SM12-3/4-BLK	HEATSHRINK LABEL 3/4	1	IN
5	3125	EPOXY MEDIUM CURE	8	GM
6	MM-A01TP-A75BLK	OVERMOLD MATERIAL (PVC)	73	GM
7	93110	CABLE TIE	1	EA

WIRE ASSIGNMENT

CONN1 PIN	CABLE / WIRE
A	#14 BLK
B	#14 RED

ELECTRICAL TEST TYPE: CONTINUITY, MISWIRE AND OPEN SHORT.
 MECHANICAL: PULL TEST (AS PER PEI APPROVED PULL TEST REQUIREMENTS)

LABEL FORMAT:



NOTE: CAD GENERATED DRAWING DO NOT UPDATE MANUALLY.

TITLE		PART NUMBER		REV
CB6 OVERMOLDED PLUG TAIL, EXTERNAL SOLAR - UNAVCO		HA-070051-04		F
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES TOLERANCE EXCEPT AS NOTED ANGULAR ± X° DECIMAL XX ± .XX DECIMAL X ± .X DECIMAL .XXX ± .00X		USED ON ASSY NO.		
THIRD ANGLE PROJECTION		PROJ. NO.	070051	
MATERIAL	-	DRAWN	ALBERT AVENDAÑO	DATE 04/30/07
FINISH	-	ENGINEER		DATE
FILE	J/PROJECT/2007/070051	APPROVED BY	STEVE WILLING	DATE 04/30/07
EASE CODE	2A589	SIZE	A4	SCALE NTS
	SIMILAR TO		SHEET 1 OF 1	VER E

PRIDE EXCELLENCE INTEGRITY

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