

REV. ECD NO.		DESCRIPTION	REVISIONS		
REV.	ECD NO.	DESCRIPTION	CHECKED	APPROVED	DATE
01	50-002	RELEASE FROM 30-70201			

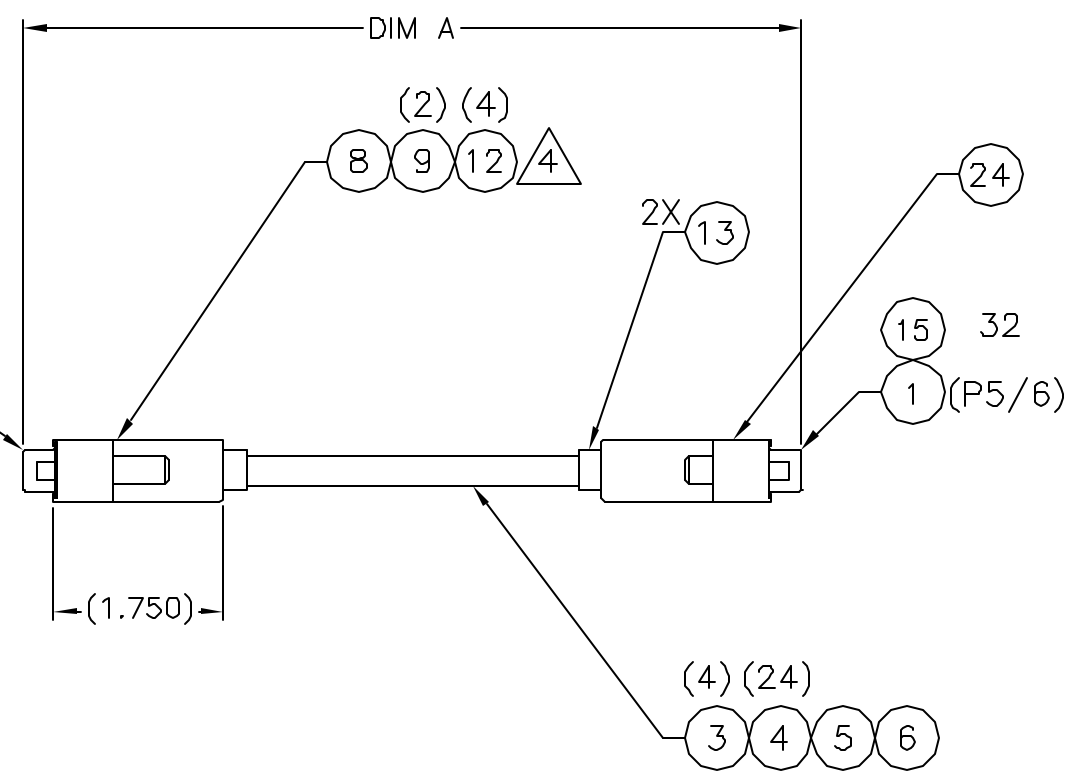
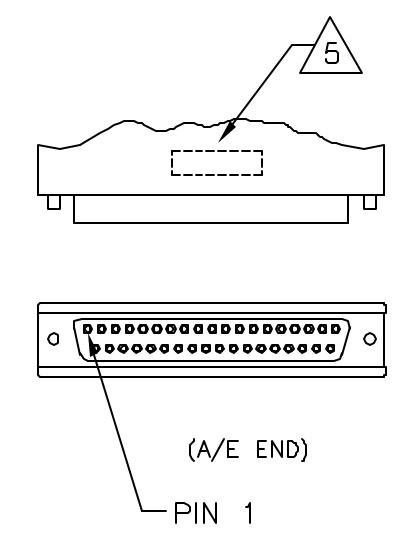
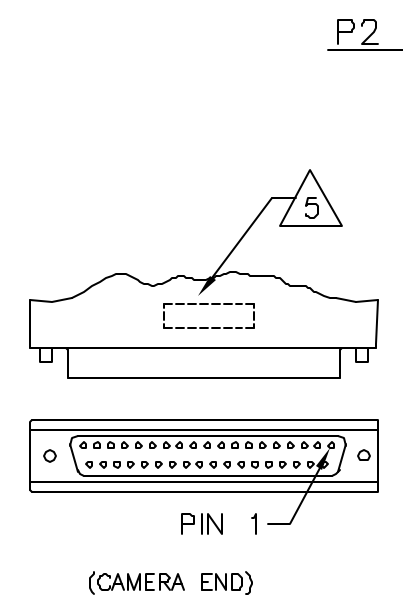
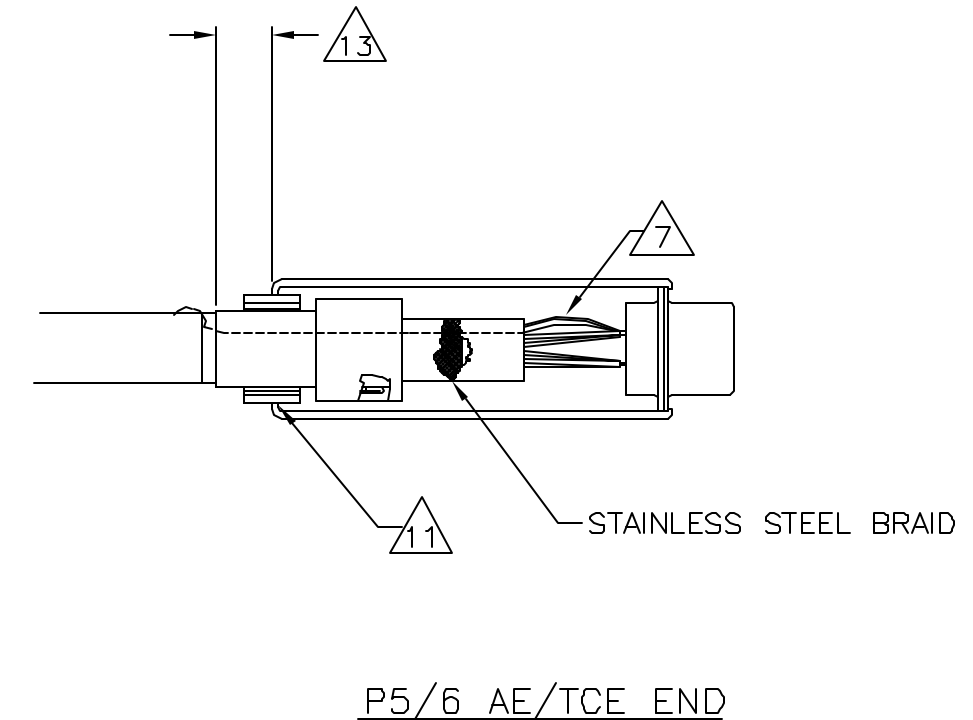
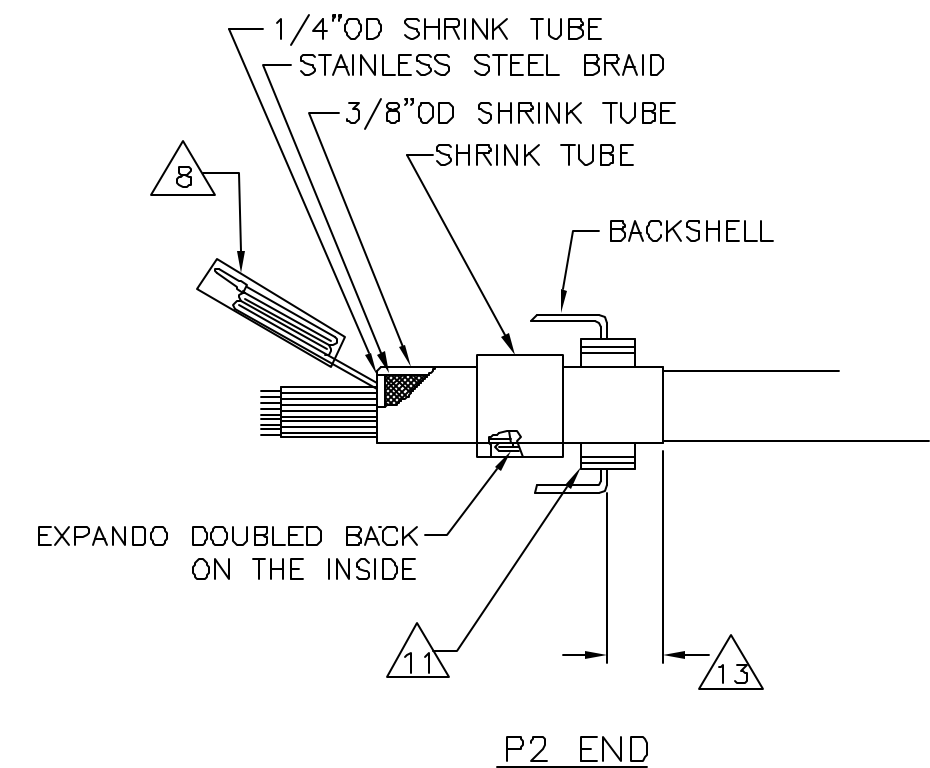


TABLE I
REFERENCE DESIGNATION MARKING

ASSY PART NO.	CONNECTOR F/N		DIM A in (mm) Tol +2.0/-0.0
	LOW VAG END	AE/TCE END	
50-30201	W5AP301	W5AP5	TBD
50-30202	W5BP401	W5BP6	TBD

- NOTES:
1. DIMENSION SHOWN ARE IN INCHES [MILLIMETERS].
 2. INSTALL AND TEST CONTACTS PER NASA STD 8739.4
 3. REFER TO 50-03002.01 FOR SCHEMATIC WIRING LIST.
 4. DISCARD HARDWARE SUPPLIED WITH F/N 8 AND SUBSTITUTE WITH F/N 12. HAND TIGHTEN HARWARE. SPOTBOND WITH F/N 10.
 5. STAMP CONNECTORS AS SHOWN IN TABLE 1, .25 HIGH CHARACTERS WITH F/N 11
 6. CLEAN AND HANDLE IAW 30-01312.
 7. CRIMP 7 STRANDS OF SHIELDING (F/N 5) INTO CONTACT, (SET TOOL AT SEL #4). INSERT INTO CONNECTOR POSITION 36.
 8. CRIMP 7 STRAND OF SHIELDING (F/N 5) INTO CONTACT (SET TOOL AT SEL #4). COVER 1 IN. LENGTH WITH SHRINK TUBING (F/N 23) AND LEAVE INSIDE OF BACKSHELL.
 9. SET CRIMP TOOL AT SEL #4 FOR 26 AWG WIRE.
 10. PERFORM PULL TESTS FOR CRIMP TOOL QUALIFICATIONS USING G-10-P1 OR G-10-S1 CONTACTS (NOT CONTACTS SUPPLIED WITH CONNECTORS).
 11. ADD SHRINK TUBE TO INCREASE DIAMETER OF THE CABLE FOR A SNUG FIT TO PROVIDE STRAIN RELIEF.
 12. PERFORM CONTACT RETENTION TEST AFTER CONTACTS HAVE BEEN INSTALLED IN THE CONNECTORS.
 13. SHRINK TUBING TO END AT .38 MAX FROM END OF BACKSHELL.

NAME	DATE
DRAWN	
CHECKED	
APPROVED	
RELEASED	
WEIGHT	

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS SHALL BE INTERPRETED IAW ANSI Y14.5 - 1982
DIMENSIONS ARE IN INCHES
TOLERANCE: ANGLES ±1'
3 PLACE DECIMALS ±.005
2 PLACE DECIMALS ±.01
THIRD ANGLE PROJECTION

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**FLIGHT CABLE ASSY,
CCD SIGNAL, EXTERNAL
W5A, W5B**

SIZE	CODE	DWG. NO.	REV.
D	80230	50-30201	01

SCALE NONE SHEET 1 OF 1