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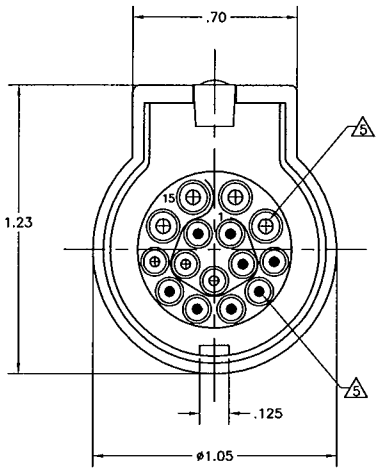
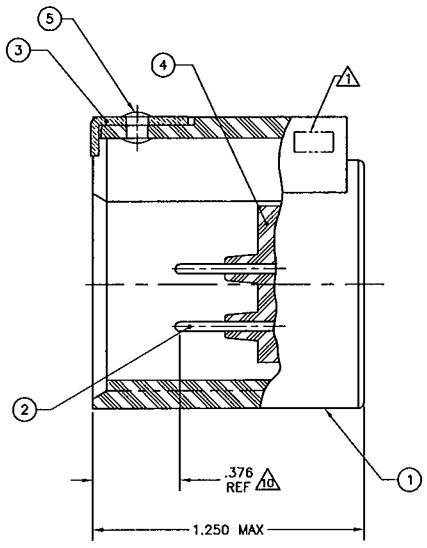
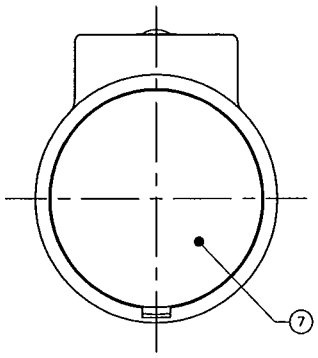
DWG NO. CBRE02-15P-1 | REV. H

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
	C	REVISED PER E.O. #14059	9-10-01	LBO
	D	REVISED PER E.O. #18382	7-26-07	AW
	E	REVISED PER E.O. #20316	11-2-10	H. LE
	F	REVISED PER E.O. #21858	10-10-12	H. LE
	G	REVISED PER E.O. #22083	4-19-13	H. LE
	H	REVISED PER E.O. #22270	8/29/13	HLE



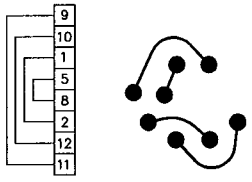




REAR VIEW SHOWN WITH CAP PLUG

10. FULL PIN DIAMETER.
9. THIS DRAWING MEETS THE REQUIREMENTS OF BOEING STATEMENT OF WORK (SOW).
8. SOME CONTACTS NOT SHOWN FOR CLARITY.
7. CIRCUIT CONTACT MAY BE HARD WIRE OR PRINTED CIRCUIT BOARD.
6. FULL PIN POPULATION IS OPTIONAL.
5. ○ DENOTES NO INSTALLED CONTACTS.
   ● INSTALLED CONTACTS.
4. MATES WITH TSEI PLUG CONNECTOR CBME05-15S & CB05-15S.
3. CONTACTS INSTALLED AND POTTED
2. MATERIAL:
   SHELL & CAP PLUG – HIGH GRADE DIELECTRIC, COLOR BLACK
   STRAIGHT LATCH – STAINLESS STEEL, PASSIVATED
   PIN CONTACT – BRASS ALLOY WITH GOLD PLATE PER MIL-DTL-45204, TYPE II, GRADE C, CLASS 1, .000050 MIN THK OVER .000050 MIN THK NICKEL PLATE PER QQ-N-290.
   EYELET – BRASS ALLOY, NICKEL PLATED PER QQ-N-290.
   INTERFACIAL SEAL – SILICONE RUBBER, COLOR BLUE.
   PC BOARD – LAMINATED GLASS EPOXY SHEET, COPPER CLAD PER MIL-P-13949 FL-GE 062 C1/0BII
   POTTING COMPOUND – EPOXY COMPOUND
1. PART MARKING:
   LOT NUMBER, DATE CODE, CAGE CODE "55104" AND EITHER PART NUMBER AND/OR CUSTOMER PART NUMBER. LOCATION AND SEQUENCE ARE OPTIONAL.

NOTES (UNLESS OTHERWISE SPECIFIED)



SCHEMATIC DIAGRAM 7

ASSEMBLY DRAWING

TSEI INTERNAL USE ONLY

QTY. REQD	FROM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO.
1		K5499-0007-0000	CAP PLUG		7
1		K1299-0007-0000	P.C. BOARD		6
1		GS 3-5	EYELET		5
1		K1804-0001-0215	INTERFACIAL SEAL		4
1		K3501-0001-0004	STRAIT LATCH		3
8		K2704-0011-2005	CONTACT, PIN, SZ 20		2
1		K1204-0009-0215	SHELL		1

PARTS LIST

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: ANGLES ±30' | XX ±.03 | XXX ±.005 | DO NOT SCALE DRAWING

MATERIAL: 2 | TREATMENT | FINISH | REFERENCE

NEXT ASSY | USED ON | APPLICATION

APPROVALS	DATE
DRAWN M. M. FELIX	8-28-98
CHECKED L.B.O.	12-3-98
APPROVED L.B.O.	12-3-98
APPROVED F.M.A. JR	12-3-98

TRI-STAR ELECTRONICS INT'L, INC.
2201 ROSECRANS AVE., EL SEGUNDO, CA 90245

TITLE: CONNECTOR, SHORTING PIN, RECEPTACLE

SIZE D | CAGE CODE 55104 | DWG NO. CBRE02-15P-1 | REV. H

SCALE NONE | CAD FILE NO. 4-CBRE015P1 | SHEET 1 OF 1