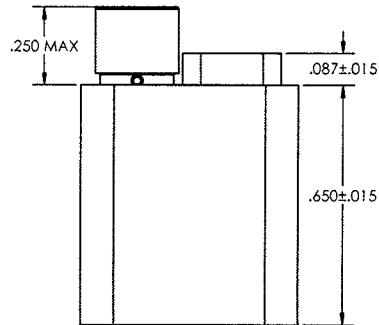
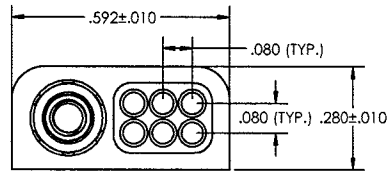
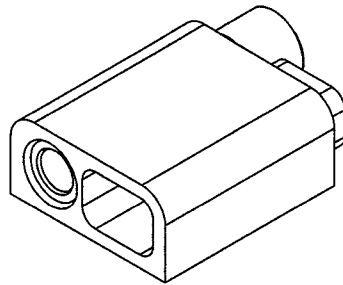
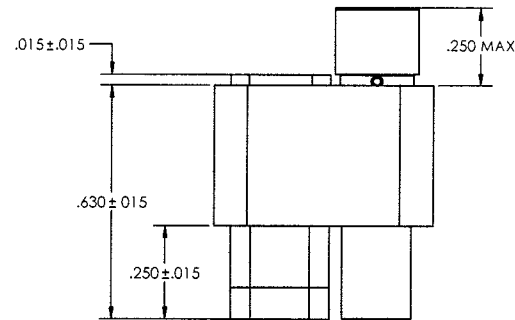
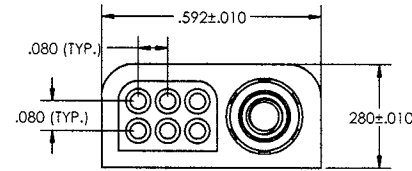
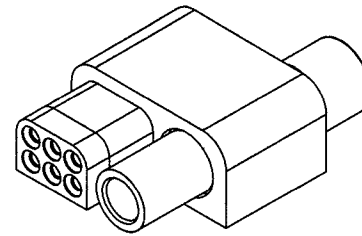


PIN



SOCKET



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
N/C	NEW RELEASE WITH PER E.O. 41255	12-20-06	
A	CHG 1 & 2 PER E.O. 41581	11-17-07	
B	CHG PER E.O. 54560	11-28-08	
C	REV PER E.O. 57544	10-2-09	
D	REDRAWN PER E.O. D0140	12-04-10	<i>[Signature]</i>

PART NUMBERING: RE04-106 *

+ DENOTES PINS (P), SOCKETS (S)

+ INSERT ARRANGEMENTS 106 (REFER TO DWG. 75500)

+ DENOTES CONNECTOR TYPE

PROPERTY OF DEUTSCH E.C.D. THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT SHALL NOT BE DISCLOSED, DUPLICATED, NOR USED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN TO EVALUATE THIS DRAWING

THIRD ANGLE PROJECTION



SIGNATURE & DATE

DR P. BYUN 120224

CHK *[Signature]* 120405

PE *[Signature]* 120410

APPD *[Signature]* 120410

MATERIAL

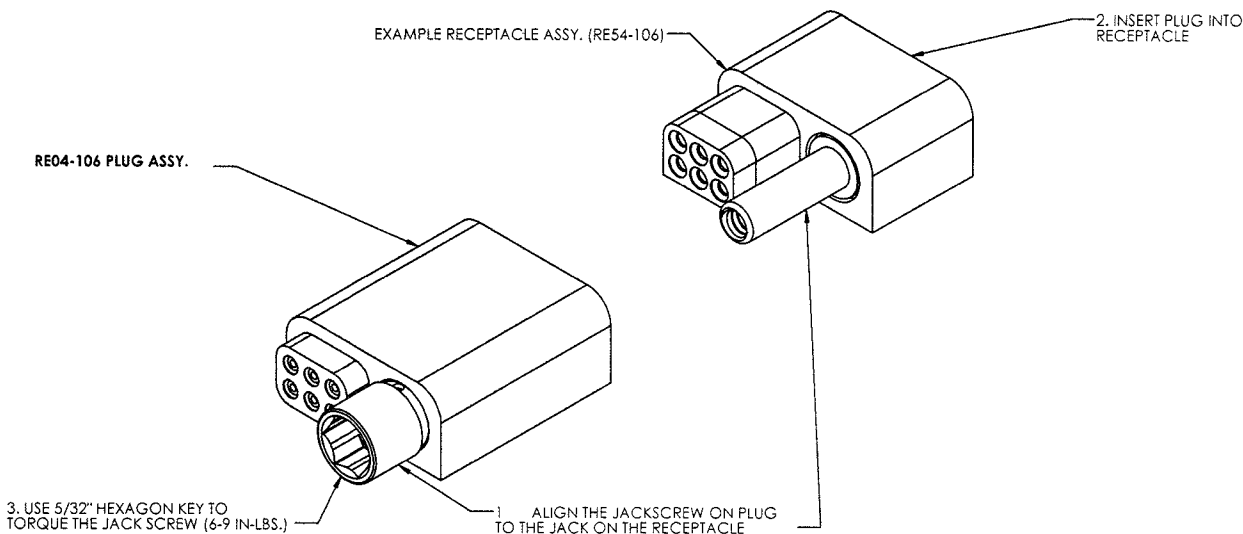
FINISH

MATERIAL CODE

		DEUTSCH DEFENSE/AEROSPACE OPERATION 250 EDDIE JONES WAY OCEANSIDE, CA 92038	
TITLE CONNECTOR PLUG RECTANGULAR SUBMINIATURE REAR INSERTION & REMOVAL WITH METAL SHELL ENVIRONMENTAL (ENVELOPE)		SIZE C	CAGE CODE 11139
DWG NO. RE04-106 P/S		SCALE: 3:1	WEIGHT.
REV 1		SHEET 1 OF 2	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	See Sheet 1	120503	je7

RE04-106 RECEPTACLE MATING INSTRUCTIONS



PRODUCT SPECIFICATION

OPERATING TEMPERATURE	-67F TO 302F (-55C TO 150C)
CURRENT RATING	5 AMPS (#22 CONTACT)
SHOCK (11 ms ±1 ms DURATION)	50 G
DIELECTRIC WITHSTANDING VOLTAGE	1500 V @ 60 Hz
INSULATION RESISTANCE	100 GIGOHMS @ 75F
THERMAL SHOCK	NO CRACKING, CHIPPING, OR LEAKING AFTER 5 CYCLES @ RATED TEMP.
USABLE WIRE SIZE(S)	**SIZE 22 CONTACTS (AWG 22, 24, & 26)
DURABILITY	NO ELECTRICAL OR MECHANICAL DAMAGE AFTER 200 CYCLES
CORROSION RESISTANCE	500 HOUR SALT SPRAY
WEIGHT (LB.)	.0074 (P) / .0063 (S)

** REAR INSERTS SEAL ON SMOOTH INSULATION OF .033" MIN TO .054" MAX.

COMPONENT	MATERIAL
HOUSING	HARD PLASTIC
INSERT	SILICONE
PIN/SOCKET CONTACT	COPPER ALLOY
JACKSCREW	STAINLESS STEEL/ALUMINUM ALLOY

ACCESSORIES

PART NO	CONTACT	INSERTION TOOL	PLUG SEAL
RE04-106 P	2841-5-9000	M15570-22-1	81539-23
RE04-106 S	2803-4-22143	M15570-22-1	81539-23

PROPERTY OF DEUTSCH E.C.D. THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT SHALL NOT BE DISCLOSED, DUPLICATED, NOR USED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN TO EVALUATE THIS DRAWING THIRD ANGLE PROJECTION 		SIGNATURE & DATE		 DEUTSCH DEFENSE/AEROSPACE OPERATION 250 EDDIE JONES WAY OCEANSIDE, CA 92068 CONNECTOR, PLUG RECTANGULAR SUBMINIATURE - REAR INSERTION & REMOVAL WITH METAL SHELL ENVIRONMENTAL (ENVELOPE)
		DR	P. BYUN 120224	
		CHK	je7 120503	
		PE	P. Byun 120503	
MATERIAL		APPD		S.E. CAGE CODE C 11139
FINISH		DWG NO		
MATERIAL CODE		RE04-106 P/S		
SCALE 3:1		WEIGHT		REV
				SHEET 2 OF 2