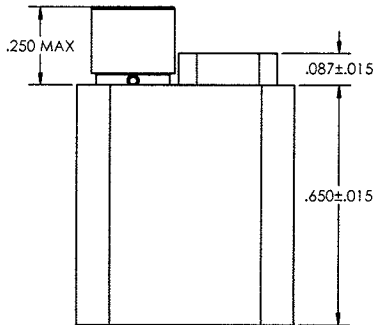
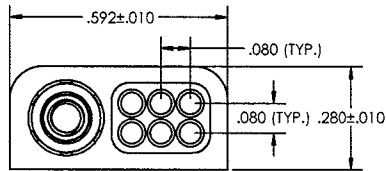
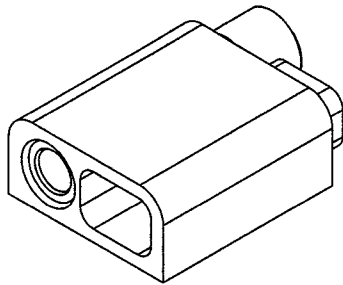
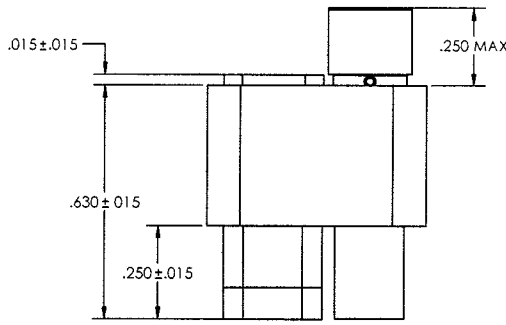
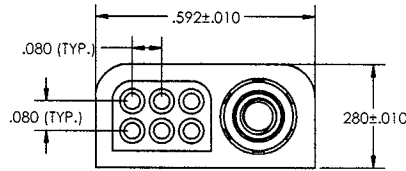
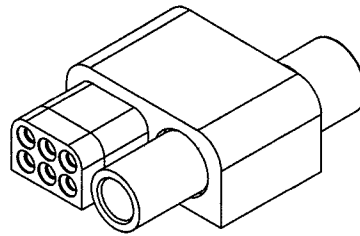


PIN



SOCKET



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
N/C	NEW RELEASE WITH PER E.O. 41255	12-20-06	
A	CHG'S 1 & 2 PER E.O. 41581	1-17-07	
B	CHG PER E.O. 54560	11-26-08	
C	REV PER E.O. 57544	10-2-09	
D	REDRAWN PER E.O. 00140	12-04-10	<i>P.B.</i>

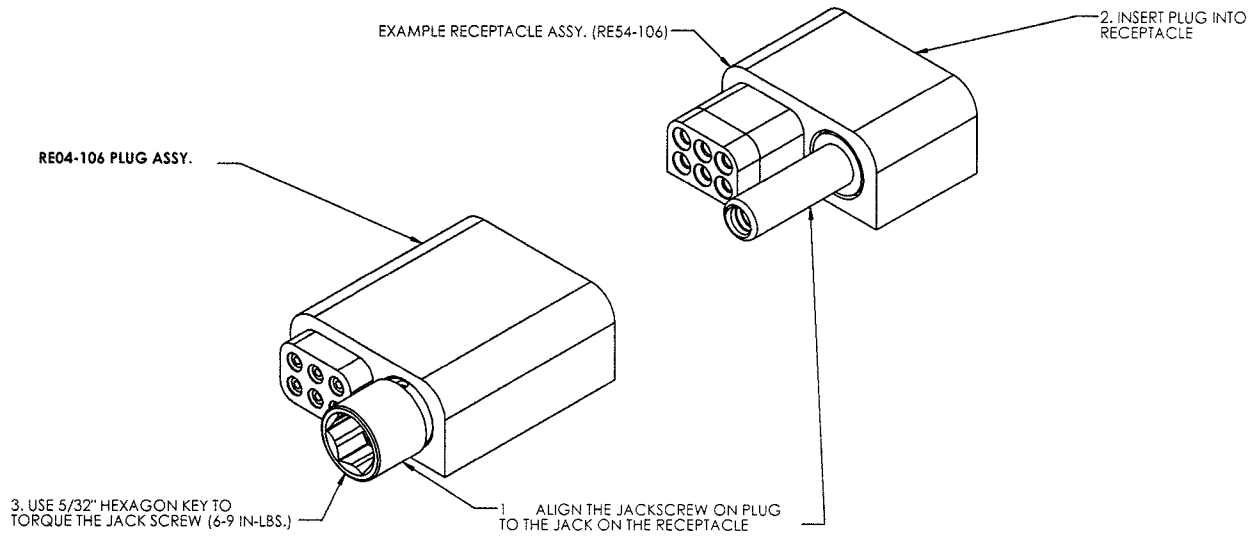
PART NUMBERING: RE04-106 *

* 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		SIGNATURE & DATE		 DEUTSCH DEFENSE/AEROSPACE OPERATION 250 EDDIE JONES WAY OCEANSIDE, CA 92038	
DR	P. BYUN	120224	TITLE		
CHK	<i>P.B.</i>		CONNECTOR PLUG		
PE	<i>P. BYUN 120410</i>		RECTANGULAR SUBMINIATURE REAR		
APPD	<i>PER 120410</i>		INSERTION & REMOVAL WITH METAL SHELL		
THIRD ANGLE PROJECTION			ENVIRONMENTAL		
			(ENVELOPE)		
MATERIAL	FINISH	MATERIAL CODE	SCALE: 3:1	WEIGHT.	SHEET 1 OF 2
SIZE		CAGE CODE	DWG NO.	REV	
C		11139	RE04-106 P/S		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	See Sheet 1	120503	pe7

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)

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

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

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THIRD ANGLE PROJECTION

SIGNATURE & DATE		
DR	P. BYUN	120224
CHK	pe7 120503	
PE	P. Byun 120503	
APPD	pe7 120503	
MATERIAL		
FINISH		
MATERIAL CODE		

DEUTSCH
DEFENSE/AEROSPACE OPERATION
250 EDDIE JONES WAY
OCEANSIDE, CA 92068

CONNECTOR, PLUG
RECTANGULAR SUBMINIATURE -
REAR INSERTION & REMOVAL WITH
METAL SHELL ENVIRONMENTAL
(ENVELOPE)

SIZE	CAGE CODE	DWG NO	REV
C	11139	RE04-106 P/S	

SCALE 3:1 | WEIGHT | SHEET 2 OF 2

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