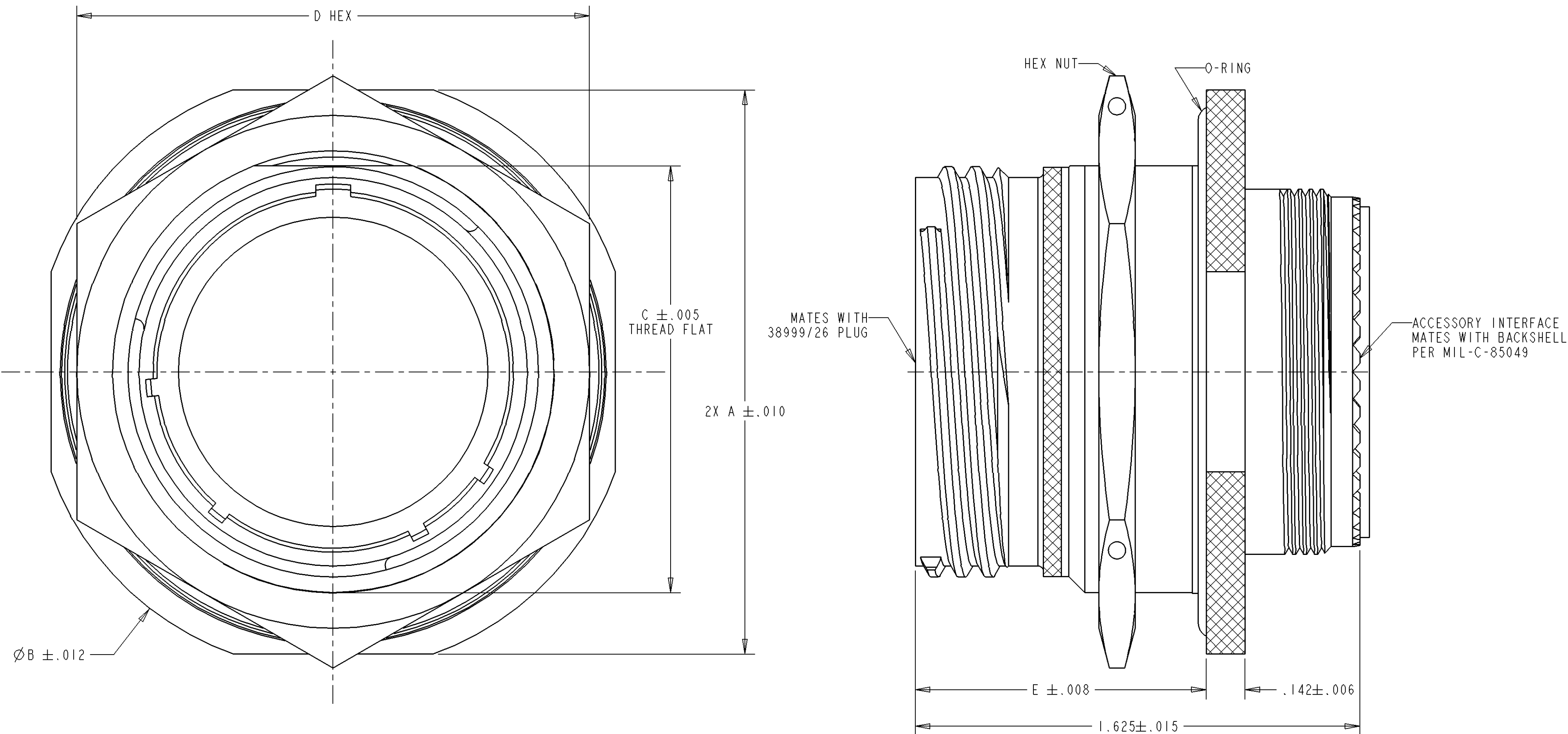


REV	DESCRIPTIONS	DATE	APPROVED
D	ADDED SEAL PLUGS PER E.O. D0192	120719	P.B.



- CONTACT IDENTIFICATION IS CONTRASTING COLOR TO INSERTS.
- MATERIAL: SHELL & JAM NUT - 300 SERIES STAINLESS STEEL
INSULATOR - FUSED GLASS INSERT
CRIMP SOCKET CONTACTS - COPPER ALLOY
PIN CONTACTS - NICKEL - IRON ALLOY
WIRE SEAL GROMMET - OR-402 FLUOROSILICONE
INTERFACIAL SEAL & O-RING - FLUOROSILICONE
- FINISH: SHELL & JAM NUT - PASSIVATED
CONTACTS - GOLD OVER NICKEL PLATE
- DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- INSERT ARRANGEMENT PER MIL-STD-1560, CONSULT SALE REP. FOR ARRANGEMENT AVAILABILITY.
- LEAK RATE: <1E-7 cc/He @ 1 atm.
- DWV: SIZE 20 1800 VAC PIN TO PIN AT SEA LEVEL
1100 VAC (1540 VAC PEAK) PIN TO SHELL AT 43100 FEET.
- PANEL THICKNESS:
SIZE 21 THRU 25 - .062" MIN. UP TO .26" MAX WITHOUT WASHER.
SIZE 15,17 - .062" MIN. UP TO .31" MAX WITHOUT WASHER.

PART NUMBER	SIZE	A	B	C	D	E
72531-15-***P*	15	1.500	1.626	1.060	1.375	1.113
72531-17-***P*	17	1.626	1.752	1.186	1.437	1.113
72531-21-***P*	21	1.937	2.063	1.436	1.750	1.063
72531-23-***P*	23	2.063	2.189	1.561	1.875	1.063
72531-25-***P*	25	2.189	2.311	1.687	2.000	1.063

PART NUMBER EXAMPLE:
7 2 5 3 1 - 2 3 - 5 5 P N
SHELL SIZE INSERT ARRANGEMENT KEYWAY POSITION N = NORMAL CONTACT STYLE P = PIN

SIZE	CRIMP SOC	INS/REM TOOL	SEAL PLUG
20/22	CTS-S20/20	M81969/14-10	MS27488-20-2

FILE:72531-XX-XXPX-ENV

	SIGNATURE & DATE	RECEPTACLE CONNECTOR HERMETIC REAR RELEASE TERMINALS D38999/23 TYPE FOR JET FUEL RESISTANCE ENVELOPE	NBO	1699	MATL CODE 72
DR	S.LUI 100129		DEUTSCH ENGINEERED INTERCONNECT SOLUTIONS  250 Eddie Jones Way Oceanside, CA 92058		
CHK	P.BYUN 120719				
PE	M.ALLEN 120719				
			C DWG SIZE	72531-**-**P*	
APPD	A.RENGIFO 120719	CAGE CODE 11139		SHEET 1 OF 1	
SCALE: NONE					