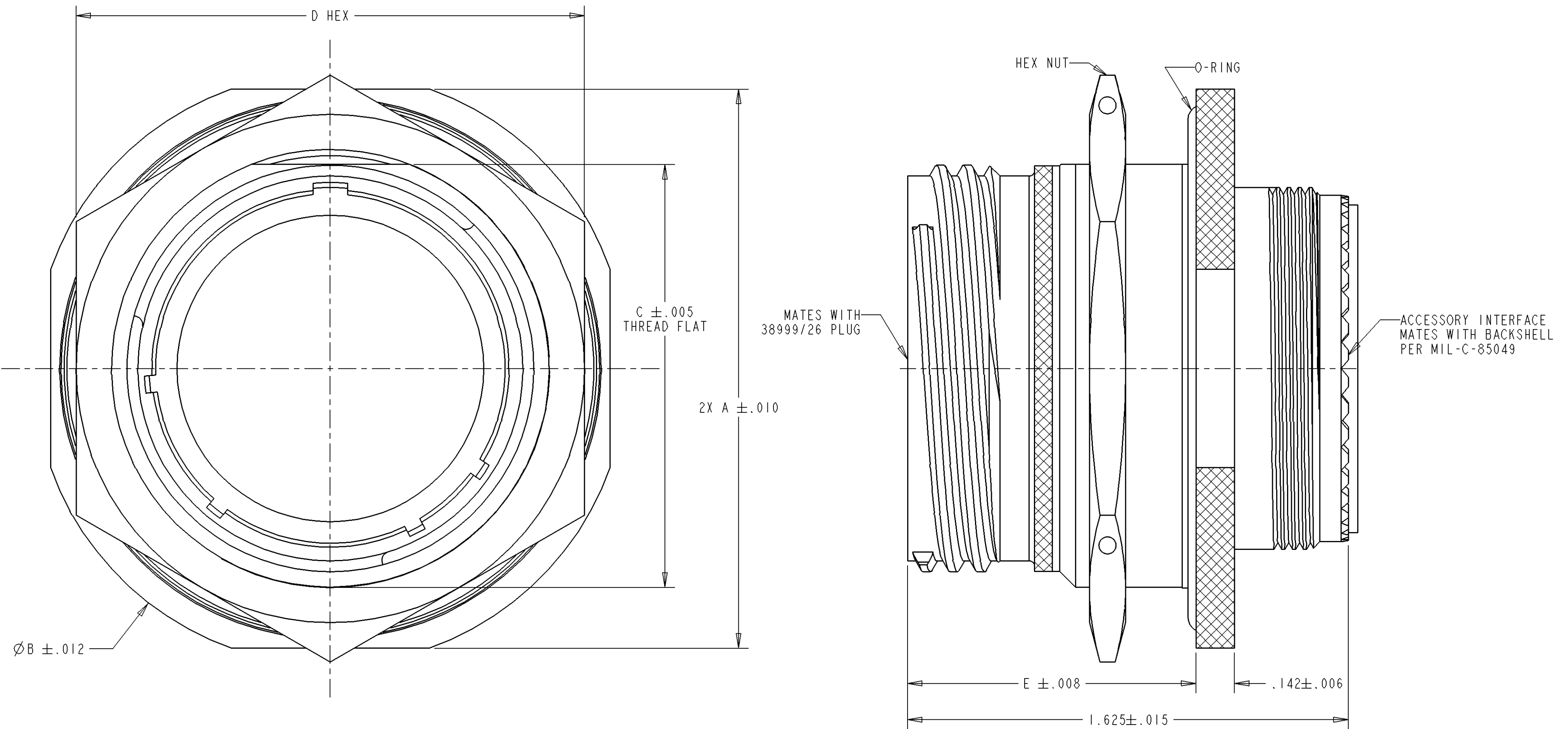


REV	D	72531-***P*	REVISIONS		
			DESCRIPTIONS	DATE	APPROVED
D			ADDED SEAL PLUGS PER E.O. D0192	120719	P.B.



- 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

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