

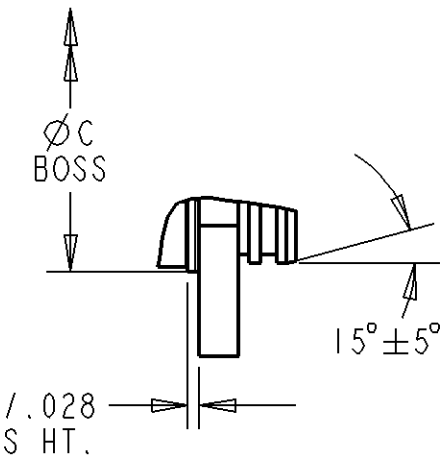
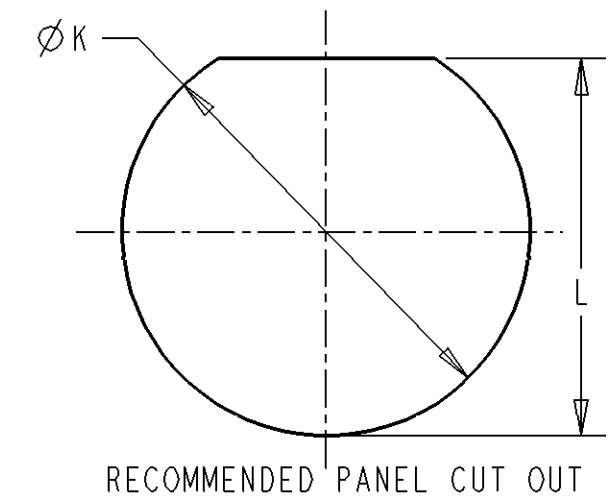
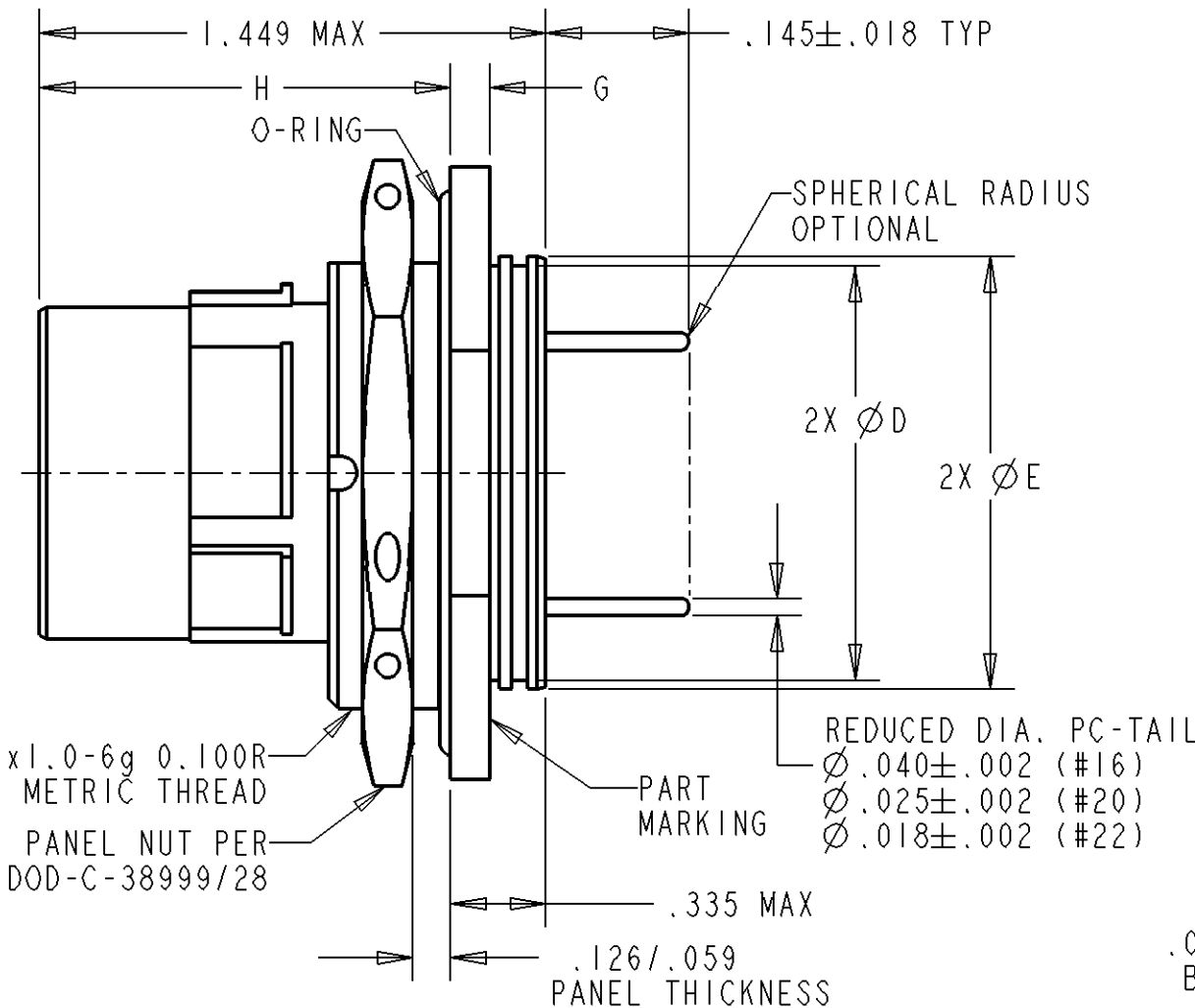
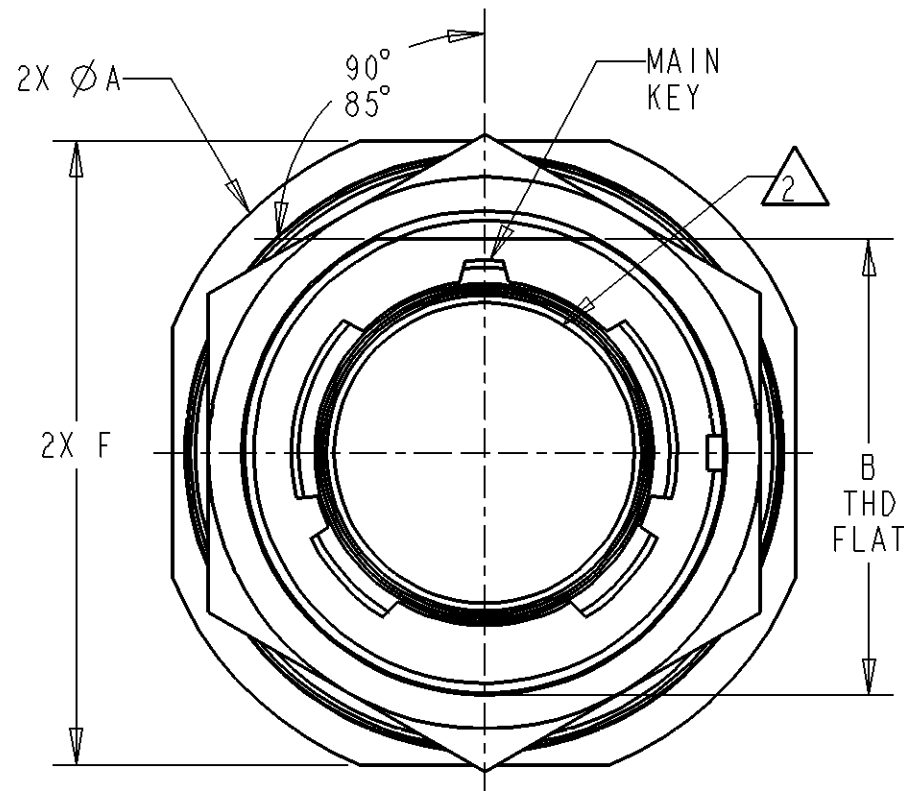
PROPERTY OF DEUTSCH E.C.D

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B 72441-XX-XXXX

REVISIONS

REV	DESCRIPTIONS	DATE	APPROVED
B	REVISED PER E.O.H4566	090730	MA



- DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
- INSERT ARRANGEMENT PER MIL-STD-1560.
- LEAK RATE: <1E-8 cc/sec He @ 1 atm.
- INSULATION RESISTANCE & DIELECTRIC WITHSTANDING VOLTAGE: MEETS 38999 SERIES IV. REAR CONTACT REDUCTION TO BE DETERMINED.
- MATERIAL:
SHELL & PANEL NUT - 300 SERIES STAINLESS STEEL
INSULATOR - COMPRESSION GLASS INSERT
PIN CONTACT - 52 NICKEL-IRON ALLOY
O-RING - ETHYLENE PROPYLENE
- FINISH:
SHELL & PANEL NUT - OLIVE DRAB CADMIUM OVER NICKEL
CONTACT - GOLD 50 MICRO-INCHES MIN. OVER NICKEL
- BAG & TAG, NO PART MARKING ON CONNECTOR.
- TEMPERATURE RANGE: -60°C TO 125°C.

SHELL SIZE	A	B	C	D	E	F	G	H	J THREAD	K	L
17	1.764 1.740	1.191 1.181	1.259 MAX	1.110 1.090	1.157 1.138	1.642 1.606	.118 .095	1.118 1.083	M32*	1.270 1.260	1.210 1.200
23	2.201 2.177	1.565 1.556	1.626 1.614	1.484 1.468	1.535 1.516	2.079 2.043	.150 .126	1.118 1.083	M41	1.645 1.635	1.585 1.575
25	2.327 2.299	1.692 1.681	1.752 1.740	1.610 1.594	1.657 1.638	2.205 2.169	.150 .126	1.118 1.083	M44	1.770 1.760	1.710 1.700

* SIZE 17, MODIFIED MAJOR Ø 31.95-31.80 mm.

FILE: 72441-XX-XXXX-ENV

SIGNATURE & DATE		CONNECTOR, RECEPTACLE		CP	MATL CODE 72
DR	S.LUI 5/2/2000	JAM NUT MOUNT BREECH COUPLING M38999 SERIES IV TYPE HERMETIC M38999/43 W/ PC-TAIL TERMINAL ENVELOPE		DEUTSCH ENGINEERED INTERCONNECT SOLUTIONS 250 Eddie Jones Way Oceanside, CA 92058	
CHK	F.BAUTISTA 5/2/00				
PE	J.AGUILERA 5/3/00				
APPD	J.AGUILERA 5/3/00				
SCALE: 1.5:1				B	72441-XX-XXXX
				DWG SIZE	CAGE CODE 11139
				SHEET 1 OF 1	

9. PART NUMBER BREAKDOWN: EXAMPLE 72441-17-35SA
SHELL SIZE: 17, 23, OR 25
INSERT ARRANGEMENT
CONTACT STYLE: P = PIN, S = SOCKET
KEYING POLARIZATION: N = NORMAL
NOTE(S):