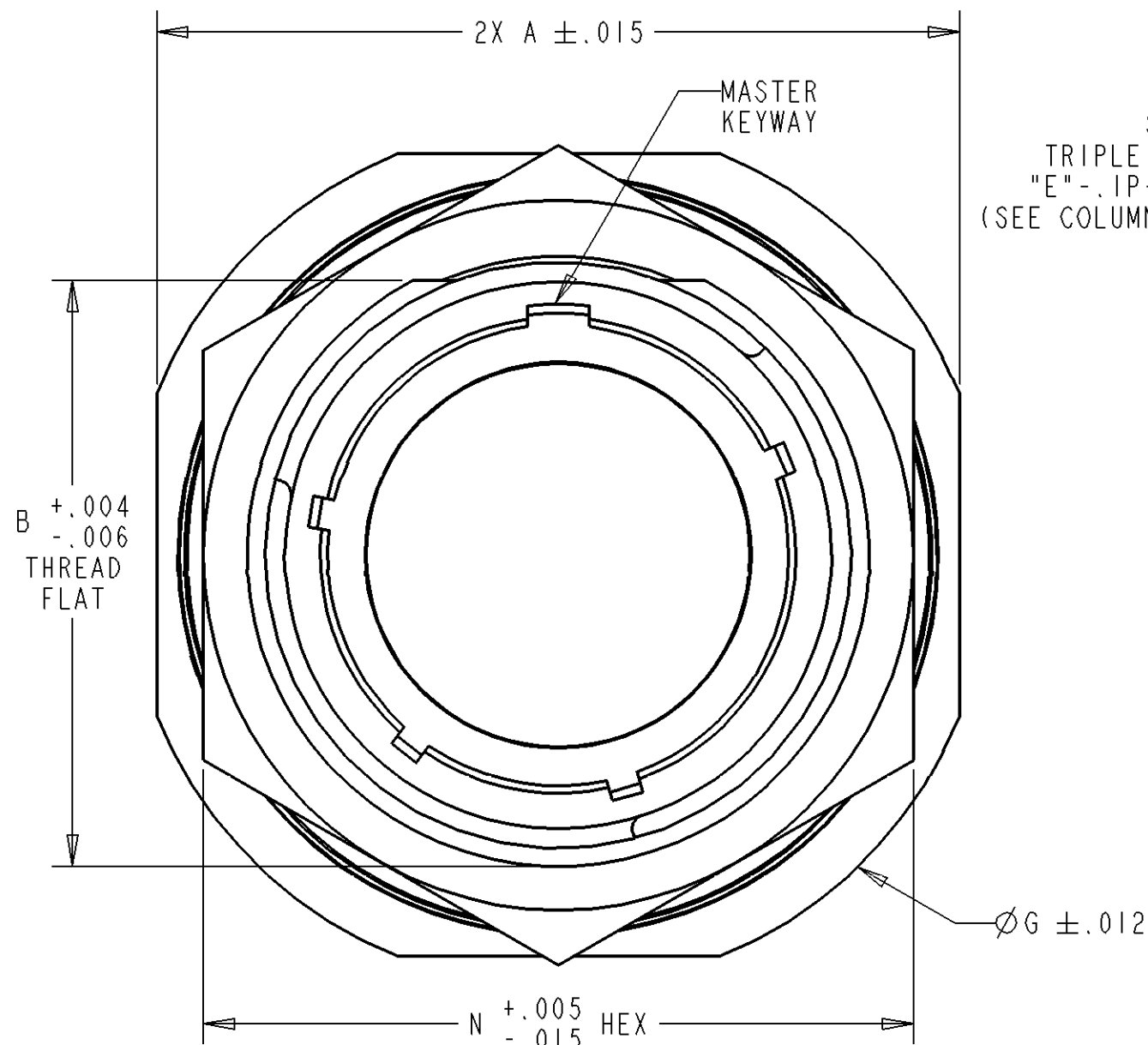


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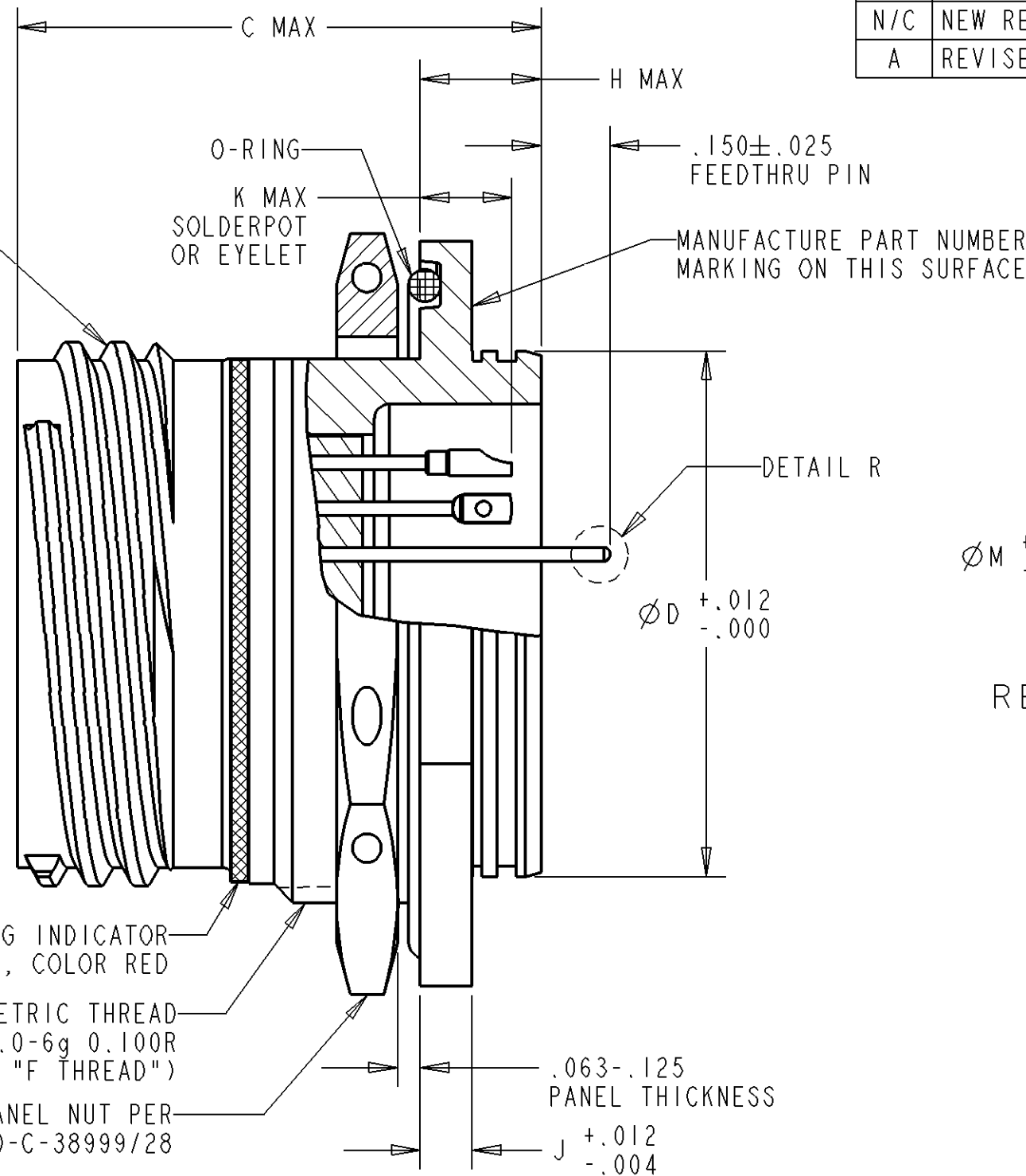


STUB 60° MOD.
TRIPLE START THREAD
"E"-.1P-.3L CLASS 2A
(SEE COLUMN "E THREAD")

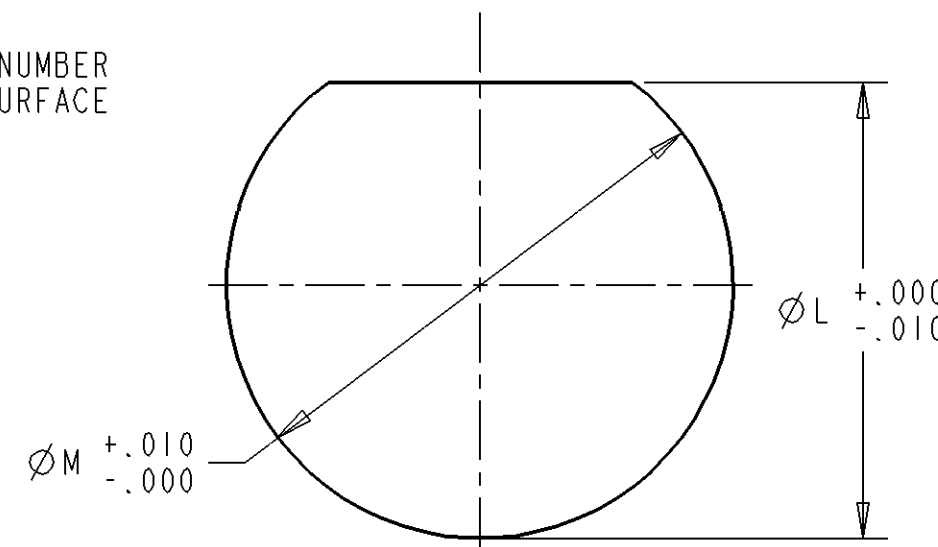
MATING INDICATOR
STRIPE, COLOR RED

METRIC THREAD
"F" x1.0-6g 0.100R
(SEE COLUMN "F THREAD")

PANEL NUT PER
DOD-C-38999/28



SECTION A-A



RECOMMENDED PANEL CUT OUT

SHELL SIZE	L	M
9	.670	.700
11	.771	.825
13	.955	1.010
15	1.085	1.135
17	1.210	1.260
19	1.335	1.385
21	1.460	1.510
23	1.585	1.635
25	1.710	1.760

PART NUMBER BREAKDOWN: DTS 24 Y 17-35 P N

SHELL KEYING POSITIONS: N,A,B,C,D OR E

CONTACT PIN STYLE: P = SOLDERCUP, X = EYELET, C=FEEDTHRU PIN
CONTACT SOC STYLE: S = SOLDERCUP, Z = EYELET, D=FEEDTHRU PIN

INSERT ARRANGEMENT

SHELL SIZE: 9,11,13,15,17,19,21,23, OR 25

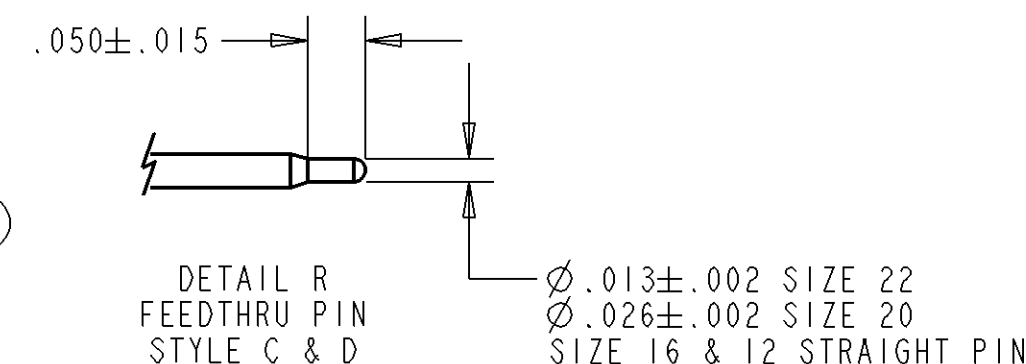
CLASS: N = NICKEL PLATE OVER STAINLESS STEEL
Y = ELECTRO- POLISHED STAINLESS STEEL

SHELL MOUNTING STYLE: 24 = JAM NUT MOUNT

BASIC IDENTIFER: 38999 SERIES III HERMETIC RECEPTACLE

- DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- INSERT ARRANGEMENT CONFORMS TO MIL-STD-1560.
- LEAK RATE THROUGH GLASS INSERT: <1E-8 cc/sec He @ 1 atm.
- FINISH: SHELL - ELECTRO-POLISH
PIN CONTACTS - GOLD OVER NICKEL
- MATERIAL: SHELL & JAM NUT - STAINLESS STEEL
PIN CONTACTS - HIGH NICKEL IRON ALLOY OR EQUIVALENT
GLASS - COMPRESSION GLASS
INTERFACIAL SEAL & O-RING- FLUOROSILICONE ELASTOMER
- MATES WITH DTS26 SERIES PLUG CONNECTOR.
- CONNECTOR MEETS REQUIREMENTS OF MIL-DTL-38999 SERIES III.
- CONSULT CUSTOMER SERVICE FOR ARRANGEMENT AVAILABILITY.

NOTE(S):



SHELL SIZE	A	B	C	D	E THREAD	F THREAD	G	H	J	K PIN SOC	N
9	1.063	.651	1.150	.642	.6250	M17	1.189	.358	.102	.209 .232	.875
11	1.252	.751	1.150	.764	.7500	M20	1.374	.358	.102	.209 .232	1.000
13	1.374	.938	1.150	.894	.8750	M25	1.500	.358	.102	.201 .224	1.188
15	1.500	1.062	1.150	1.020	1.0000	M28	1.626	.358	.102	.201 .224	1.375
17	1.626	1.187	1.150	1.142	1.1875	M32	1.752	.358	.102	.201 .224	1.437
19	1.811	1.312	1.185	1.268	1.2500	M35	1.937	.382	.134	.201 .224	1.563
21	1.937	1.437	1.185	1.394	1.3750	M38	2.063	.382	.134	.201 .224	1.750
23	2.063	1.562	1.185	1.520	1.5000	M41	2.189	.382	.134	.201 .224	1.875
25	2.189	1.687	1.185	1.642	1.6250	M44	2.311	.382	.134	.201 .224	2.000

\$ SIZE 17, MODIFIED MAJOR Ø 31.95-31.80 mm

FILE:DTS24XXX-XXPX-ENV-SNAP

	SIGNATURE & DATE
DR	S.LUI 4/8/09
CHK	M.ALLEN 4/14/09
PE	
APPD	A.RENGIFO 4/16/09
SCALE:	

CONNECTOR, RECEPTACLE

HERMETIC
JAM-NUT MOUNT
THREAD COUPLING
MIL-DTL-38999/23

ENVELOPE

NBO	MATL CODE 72
DEUTSCH ENGINEERED INTERCONNECT SOLUTIONS 250 Eddie Jones Way Oceanside, CA 92058	
C DWG SIZE	DTS24***-**** CAGE CODE 11139 SHEET 1 OF 1

Mouser Electronics

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[TE Connectivity:](#)

[YDTS24F13-04PCV001](#)