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PLUG SHELL AND COUPLING RING
MATERIAL: ALUMINUM ALLOY
FINISH: ELECTROLESS NICKEL

M12x1.0-6g 0.100R
BACKSHELL THREAD

2

ϕ .727

ϕ .429

.020

.6250 0.1P-0.3L-TS-2B
MODIFIED 60° STUB ACME
TRIPLE START THREAD

.645

.694
REF

RETENTION CLIP
MATERIAL: STAINLESS STEEL
FINISH: PLATED SILVER
OVER NICKEL UNDERPLATE

WASHER, WAVE SPRING,
CLUTCH PLATE, AND RETAINING RING
MATERIAL: STAINLESS STEEL

REVISIONS			
DESCRIPTION	DATE	DWN	APVD
EV PER ECO 08-029679	2-5-09	CT	DM

Technical drawing of a gear assembly. The drawing shows a central hub with a keyway, a middle ring, and an outer gear. The outer gear has a knurled top surface. Dimension lines indicate the outer diameter as $\phi .855$ MAX OVER KNURL. Two 'X' points are marked on the outer gear, with leader lines pointing to the text 'INTERFACE DIMENSIONS AND KEY ARRANGEMENT' and 'M 389 MAST KEY' respectively. A reference line extends vertically from the top of the gear assembly to the text 'INTERFACE DIMENSIONS AND KEY ARRANGEMENT'.

$\phi .855$ MAX
OVER KNURL

X

X

M 389
MAST
KEY

INTERFACE
DIMENSIONS
AND KEY
ARRANGEMENT
"N" PER
MIL-DTL-38999K

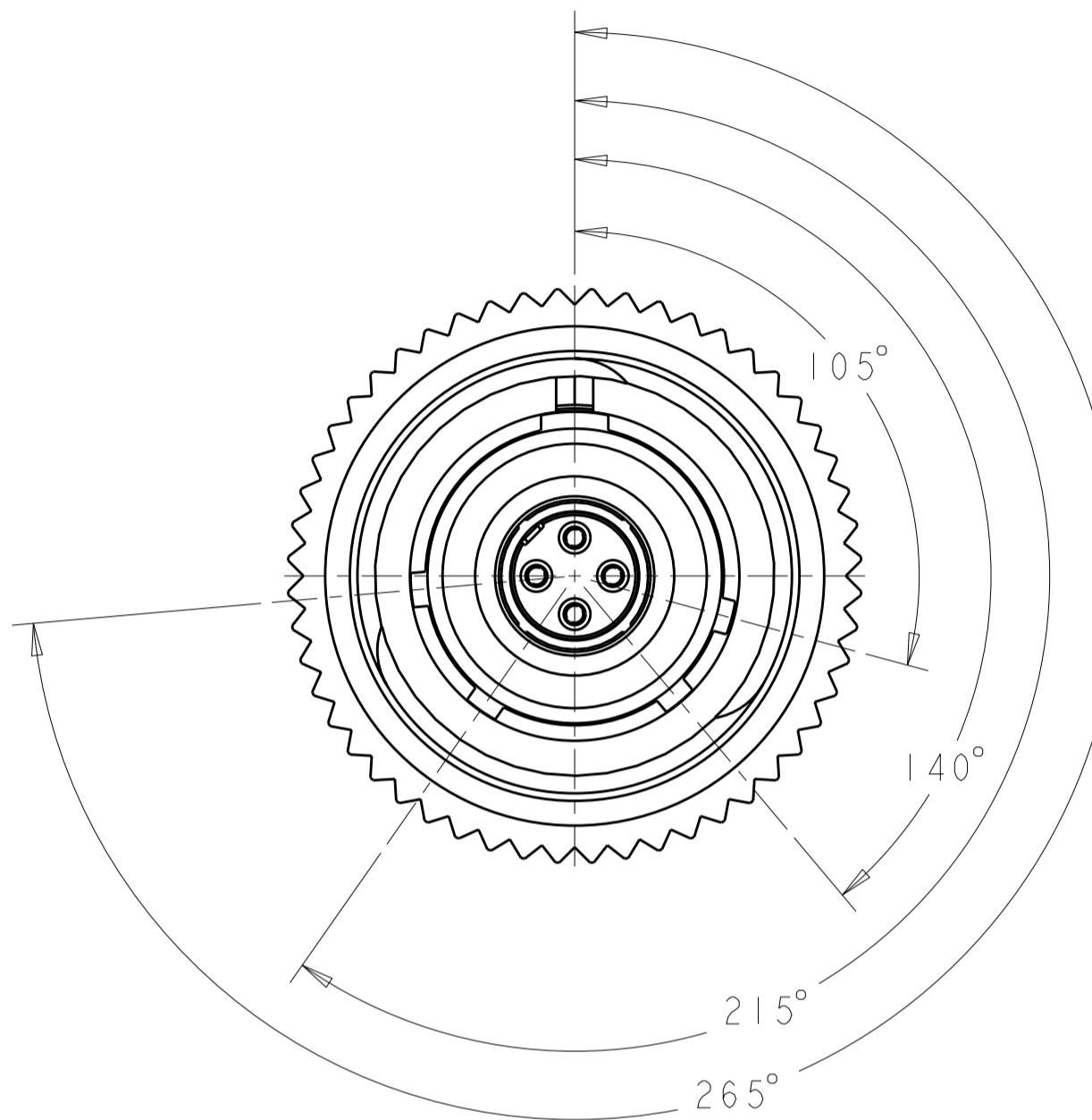
1. THIS CONNECTOR ACCEPTS TYCO ELECTRONICS QUADRAx SOCKET ASSEMBLY:
PART NUMBER 1445693-3.
2. PART IS MARKED WITH TE PART NO. (SEE TABLE),
Tyco Electronics OR TE, TE CAGE CODE, AND DATE CODE.
3. OPERATING TEMPERATURE RANGE: -65°C TO +125°C (-85°F TO +257°F)
4. THE CONNECTOR QUALIFICATION WAS COMPLETED PER TE SPEC.

108-2199. THE QUADRAX CONTACTS ARE QUALIFIED PER TE SPEC. 108-2131. THE REFERENCE TEST REPORTS ARE TYCO ELECTRONICS 501-660 FOR THE CONNECTOR AND 501-574 FOR THE CONTACTS WHICH ARE SAME AS ARINC 600-13, DRAFT 2 OF SUPPLEMENT 14 (AIR TRANSPORT AVIONICS EQUIPMENT INTERFACES).

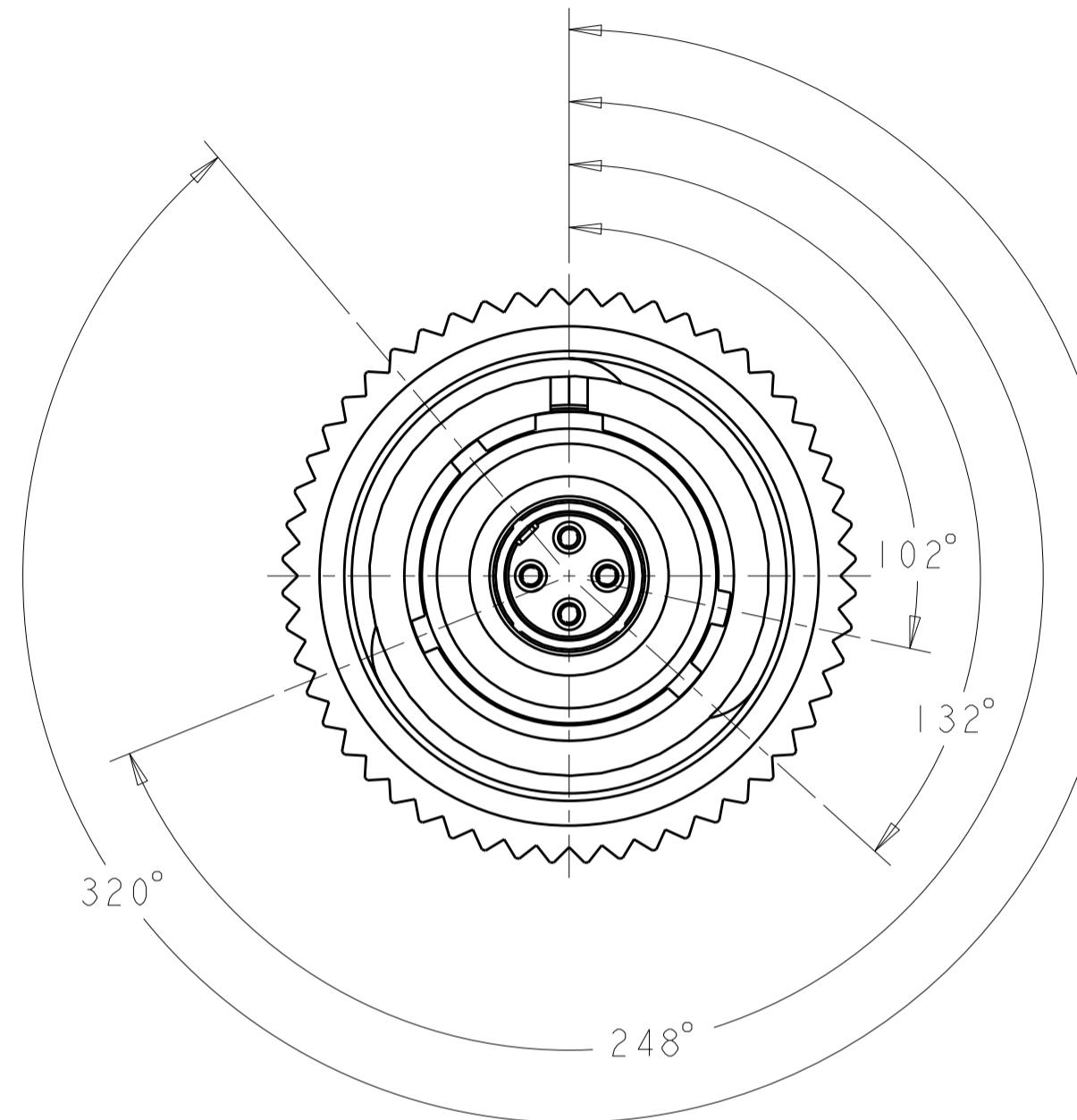
SOLD SEPARATELY	B	1877384-9												
SOLD SEPARATELY	A	1877384-8												
SOLD SEPARATELY	N	1877384-7												
PROVIDED UN-ASSEMBLED	B	1877384-3												
PROVIDED UN-ASSEMBLED	A	1877384-2												
PROVIDED UN-ASSEMBLED	N	1877384-1												
QUADRAX CONTACT 1445693-3 QTY=1	SHELL KEYING ARRANGEMENT	PART NUMBER												
<p>THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</p> <p>DIMENSIONS: INCHES</p>  <p>TOLERANCES UNLESS OTHERWISE SPECIFIED:</p> <table border="1"> <tr> <td>0 PLC</td> <td>±-</td> </tr> <tr> <td>1 PLC</td> <td>±.1</td> </tr> <tr> <td>2 PLC</td> <td>±.01</td> </tr> <tr> <td>3 PLC</td> <td>±.005</td> </tr> <tr> <td>4 PLC</td> <td>±.0020</td> </tr> <tr> <td>ANGLES</td> <td>±1°</td> </tr> </table>			0 PLC	±-	1 PLC	±.1	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0020	ANGLES	±1°
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1 PLC	±.1													
2 PLC	±.01													
3 PLC	±.005													
4 PLC	±.0020													
ANGLES	±1°													
<p>OWNERSHIP: R FLAIG 100CT2005 CHK L OH 100CT2005 APVD L OH 100CT2005</p> <p>PRODUCT SPEC -</p> <p>APPLICATION SPEC -</p> <p>FINISH WEIGHT -</p> <p>CUSTOMER DRAWING</p>														
<p>NAME: ASSY, PLUG, SIZE 9, 1Q1 M38999 STYLE, SERIES III</p> <p>SIZE CAGE CODE DRAWING NO</p> <p>A2 00779 C-1877384</p> <p>RESTRICTED TO -</p>														
<p>SCALE : : SHEET OF 2 REV B</p>														

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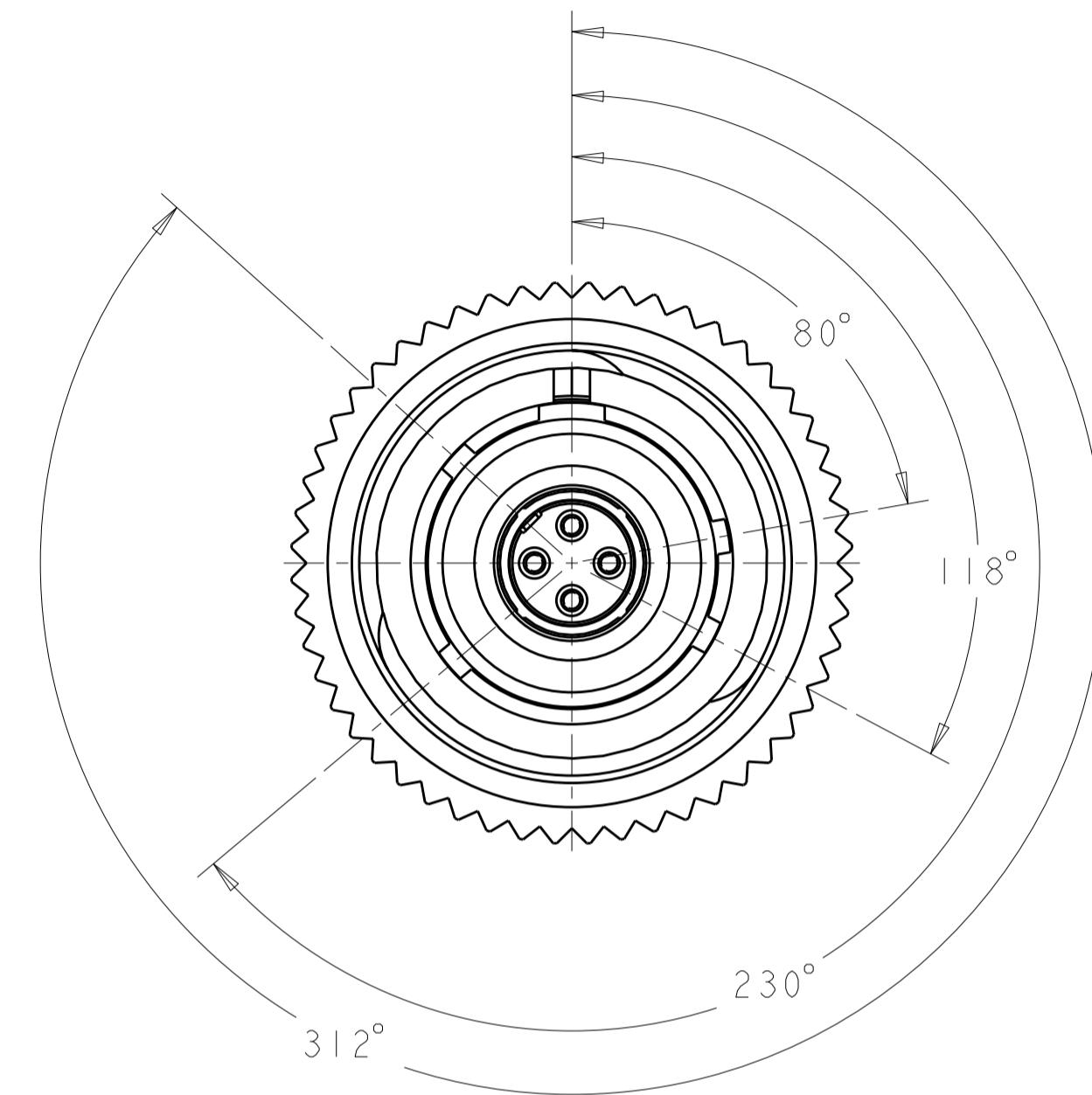
LOC		DIST		REVISIONS				
DF	A5	P	LTR	DESCRIPTION		DATE	DWN	APVD
			-	SEE SHEET 1		-	-	-



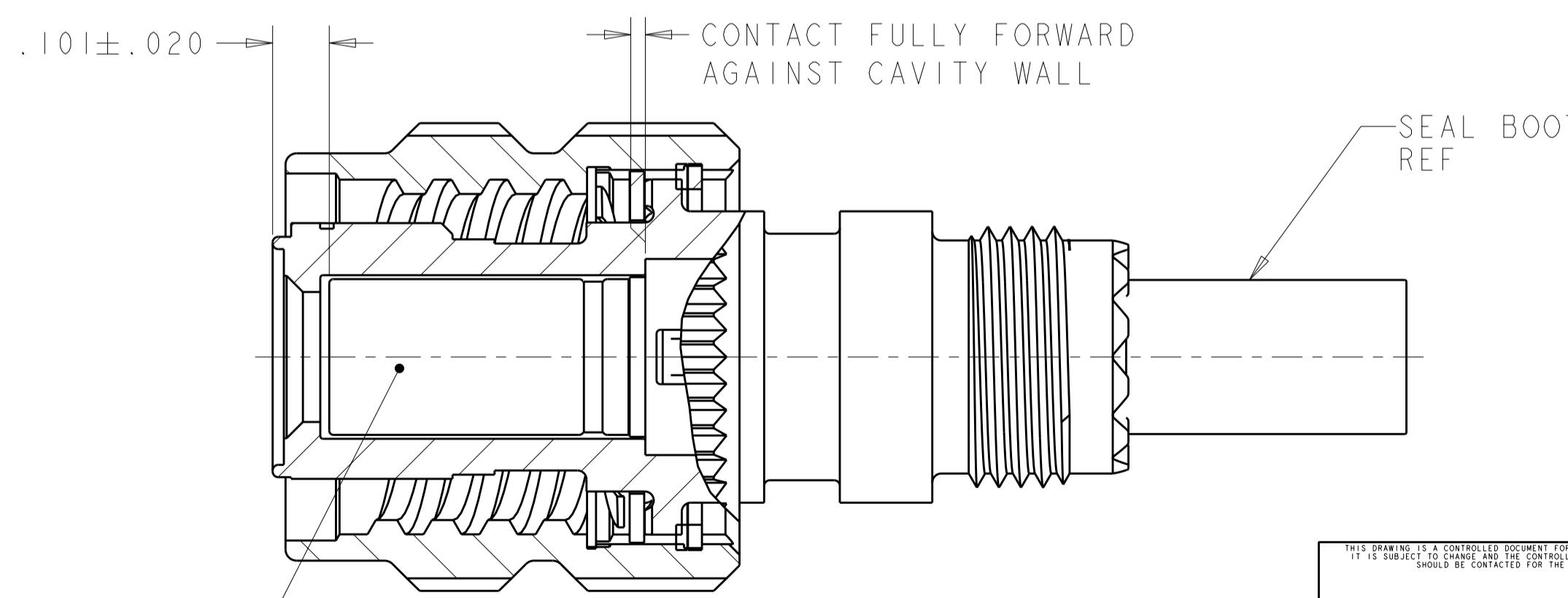
"N" KEY POLARIZATION



"A" KEY POLARIZATION



"B" KEY POLARIZATION



QUADRAX SOCKET ASSY, 1445693-3
SHOWN FOR REF ONLY.
- 1, -2, & -3 CONTACT PROVIDED UN-ASSEMBLED
- 7, -8, & -9 CONTACT SOLD SEPARATELY

SECTION X-X

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R FLAIG CHK L OH	100CT2005 100CT2005	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:				
0 PLC	±.1				
1 PLC	±.01				
2 PLC	±.005				
3 PLC	±.0020				
4 PLC	±1°				
ANGLES					
PRODUCT SPEC					
APPLICATION SPEC					
MATERIAL	FINISH				
WEIGHT	-				
CUSTOMER DRAWING					
A200779	C=1877384				
SCALE 4:1	SHEET 2 OF 2	REV B			