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SUGGESTED PANEL CUT-OUT

A technical drawing of a circle. A horizontal dimension line with arrows at both ends spans the diameter of the circle, labeled $\phi .440$. A vertical dimension line with arrows at both ends spans the height of the circle, labeled $.420 \pm .00$. A radius dimension line with arrows at both ends extends from the center to the circumference, labeled $2X R.063$. A small cross symbol is located in the center of the circle.

— WIRE LENGTH SPECIFIED IN
NANONICS PART NUMBER

This technical drawing illustrates a threaded coupling assembly. The drawing shows a cross-section of the coupling, featuring a central threaded section and a flange on the right side. Key dimensions are indicated: the overall width of the flange is .550, the thickness of the flange is .065, and the distance between the flange and the threaded section is .350. The threaded section has a diameter of $\phi .395 \pm .010$ and a bore diameter of $\phi .24$. A note specifies a maximum panel thickness of .125 for the threaded coupling and .250 for the quick disconnect. The drawing also shows a .060 gap on the right side of the flange.

.125 MAX PANEL THICKNESS FOR THREADED COUPLING
.250 MAX PANEL THICKNESS FOR QUICK DISCONNECT

A technical drawing showing a cross-section of a hex flange and jam nut assembly. The drawing includes a callout for the total thickness of the assembly, which is .563, and another callout for the thickness of the jam nut, which is .650. The drawing also shows the internal structure of the hex flange, including a central hole and a pattern of small circles representing the jam nut.

Exploded view diagram of a cylindrical component assembly. The diagram shows a backshell, an O-ring seal, and internal parts including a stack of washers and a gear. A dimension line indicates a height of .414.

.414

POSITION 1

POSITION 6

POSITION 12

POSITION 19

POSITION 27

POSITION 34

POSITION 40

1	CONNECTOR BODY, JAM NUT & BACKSHELL MATERIAL: 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404E INSULATOR MATERIAL: LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138 OR POLYPHENYLENE SULFIDE (PPS) PER ASTM D4067 O-RING MATERIAL: FLUOROSILICONE	THIS DRAWING IS A CONTROLLED DRAWING
2	WIRE TERMINATION: 28 AWG SOLID, 30 AWG STRANDED WIRE OR SMALLER	DIMENSIONS: TOL. INCHES OTHER
3	BONDING RESISTANCE BETWEEN CONNECTOR BODY AND BACKSHELL TO BE 25 MILLIOHMS MAXIMUM	0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES
4	LUBRICATE O-RING WITH PARKER SUPER-O-LUBE PRIOR TO INSTALLATION	MATERIAL FINISH
5	THIS DRAWING PREVIOUSLY IDENTIFIED AS NANONICS 303-0095	SEE NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. SCHOLL CHK M. STORRY APVD —	11 JUN 01 13 JUN 01 —	 TE Connectivity NAME RECEPTACLE ASSEMBLY, CIRCULAR, PANEL MOUNT, THREADED COUPLING/QUICK DISCONNECT STRAIGHT BACKSHELL, METAL, 44 POSITION
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC —		
 0 PLC ± — 1 PLC ± — 2 PLC ± .010 3 PLC ± .005 4 PLC ± — ANGLES ± 1°	APPLICATION SPEC —			
	WEIGHT —			
	CUSTOMER DRAWING			
	SIZE A2	CAGE CODE 0PJN9	DRAWING NO C-1589695	RESTRICTED TO —
				SCALE 5:1
MATERIAL SEE NOTES	FINISH SEE NOTES			

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