



- 1 SHELL AND JAM NUT MATERIAL ARE 6061-T6 ALUMINUM  
INSULATOR MATERIAL: LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138 OR POLYPHENYLENE SULFIDE (PPS) PER ASTM D4067
- 2 SHELL AND JAM NUT FINISH IS ELECTROLESS NICKEL PER SAE-AMS-C-26074 OR SAE-AMS-2404
- 3 SHELL AND JAM NUT FINISH IS BLACK CHROME PER MIL-C-14538D OVER ELECTROLESS NICKEL
- 4 ADAPTER/LEAD ORGANIZER BOARD IS MACHINED FROM BLACK ULTEM 1000 OR MOLDED FROM BLACK LCP
- 5 THROUGH HOLE LEAD MATERIAL IS SOLID, UNINSULATED COPPER PER A-A-59551, Sn63Pb37 SOLDER DIPPED AT LEAD ENDS
- 6 O-RING MATERIAL IS FLUOROSILICONE, LUBED WITH PARKER SUPER-O-LUBE PRIOR TO INSTALLATION
- 7 LEAD NUMBERS ARE FOR REFERENCE ONLY AND ARE NOT MARKED ON PART
- 8 ASSEMBLED CONNECTORS SHALL BE LEAK TESTED ON A 100% BASIS. PARTS SHALL BE MOUNTED IN A SUITABLE TEST FIXTURE WITH AN APPROXIMATE INTERNAL VOLUME OF 1.877 CUBIC INCHES. THE FIXTURE SHALL BE PRESSURIZED WITH AIR TO 3.7PSI MINIMUM, AND AFTER PRESSURE STABILIZATION IS ACHIEVED THERE SHALL BE NO PRESSURE DROP OF MORE THAN 0.03PSI PERMISSIBLE OVER A PERIOD OF 2 MINUTES.

TE PART NO.	NANONICS P/N	FINISH
1589955-1	QCM044M5P	2
1589955-2	QCB044M5P	3

OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.  
DWN D. MORALES 26APR2007  
CHK M. STORRY 26APR2007  
APVD -  
PRODUCT SPEC -  
APPLICATION SPEC -  
WEIGHT -  
CUSTOMER DRAWING

TE Connectivity  
RECEPTACLE ASSEMBLY, CIRCULAR, VERTICAL MOUNT THRU-HOLE, .050 INCH LEAD PITCH, 44 POSITION, ELECTROLESS NICKEL SHELL AND JAM NUT FINISH  
SIZE A2 CAGE CODE 0PJN9 DRAWING NO. 1589955  
SCALE 6:1 SHEET 1 of 1 REV D