



1 CONNECTOR BODY, COUPLING SLEEVE & BACKSHELL MATERIAL: 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404E
LOCKING RING MATERIAL: BERYLLIUM COPPER, 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

2 WIRE TERMINATION: 28 AWG SOLID, 30 AWG STRANDED WIRE OR SMALLER

3 BONDING RESISTANCE BETWEEN CONNECTOR BODY AND BACKSHELL TO BE 25 MILLIOHMS MAXIMUM. BACKSHELL TO BE BONDED TO PLUG SHELL WITH CONDUCTIVE EPOXY.

4 LUBRICATE O-RING WITH PARKER SUPER-O-LUBE PRIOR TO INSTALLATION

5 THIS DRAWING ALSO IDENTIFIED AS NANONICS 303-0087

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± -
	1 PLC ± -
	2 PLC ± .010
	3 PLC ± .005
	4 PLC ± -
ANGLES ± 1°	
MATERIAL SEE NOTES	FINISH SEE NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
C. SCHOLL
CHK
M. STORRY
APVD
—
PRODUCT SPEC
—
APPLICATION SPEC
—
WEIGHT
—
CUSTOMER DRAWING

11 JUN 01
13 JUN 01

NAME

PLUG ASSEMBLY,
CIRCULAR, QUICK DISCONNECT,
STRAIGHT BACKSHELL, METAL, 7 POSITION

SIZE
A2

CAGE CODE
0PJN9

DRAWING NO
C=1589691

RESTRICTED TO
—

SCALE
6:1

SHEET
1 of 1

REV
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