

## I. MECHANICAL SPECIFICATIONS :

Insulator : Glass reinforced polyester, UL94V-0  
 Contact : Phosphor Bronze  
 Contact Plating : Contact Area : 12 microinches Gold  
 I.D. Area : 100 microinches Tin  
 Underplate : 75 microinches Nickel  
 Wire Size : 30 AWG 7/38 stranded  
 Contact Insertion Force : 3.17 oz ( 90g, 0.88N) Typical  
 4.23 oz (120g, 1.18N) Maximum  
 Contact Extraction Force : 2.82 oz ( 80g, 0.78N) Typical  
 2.12 oz ( 60g, 0.60N) Minimum

## II. ENVIRONMENTAL SPECIFICATIONS :

Temperature Rating : -40°C to +105°C

## III. ELECTRICAL SPECIFICATIONS :

Current Rating : 0.5 AMP  
 Dielectric  
 Withstanding Voltage : 500 VAC for 1 minute  
 Contact Resistance : 20 milliohms Maximum  
 measured through insulation displacement  
 portion and mating connector  
 Insulation Resistance : > 1000 Megohms


**IV.** Connectors meet or exceed the preceding specifications after 25 insertions with .028 wide X .020 thick blade.

## V. RECOGNITION :

Underwriters Laboratories Inc. Component Recognition Program :  
 U.L file number E95981

**VI.** Meets the requirements of the European parliament and the restriction of the use of certain hazardous substances in electrical and electronic equipment.(RoHS).

**VII.** Parts shall be: "Moisture sensitivity level #1"

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES, TOLERANCES ARE :	APPROVALS		DATE	 <b>CIRCUIT ASSEMBLY CORP.</b> 6 AUTRY SUITE 150, IRVINE, CA 92618	
	DRAWN R. PRITCHETT		11-5-91		
	CHECKED A. JOCHEN		11-5-91		
FRACTIONS    DECIMALS    ANGLES ±                .XX ±                ± .XXX ±	REV	DESC.	DATE	INIT.	SPECIFICATION - NANOFLEX INSULATION DISPLACEMENT SOCKET CA-NFS
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	B	DO 4983	9-17-02	A.J.	
	C	DO 6868	7-20-09	A.J.	
	D	DO 7250	1-13-14	I.M.	
	E	DO 7604	2-24-21	T.L.	
	SIZE	CODE IDENT NO.	DRAWING NO.	REV.	
	<b>A</b>	<b>52072</b>	<b>100178</b>	<b>E</b>	
	SCALE: NONE	DO NOT SCALE DRAWING	SHEET 1 OF 1		