

PART NO. CA-XXS-XRAC1-01

REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	INITIAL RELEASE SEE DO 4545	C.P.	7-2-01	A.J
B	SEE DO 5769	C.P.	5-12-05	A.J

# CA-XXS-XRAC1-01

NO. OF POS. \_\_\_\_\_

SOCKET STANDARD \_\_\_\_\_

PLATING \_\_\_\_\_

10 = .000010 [.00025] GOLD OVER  
.000075 [.00190] NICKEL  
T = .000250 [.00635] TIN OVER  
.000075 [.00190] NICKEL

**RIGHT ANGLE CONNECTOR**  
**.100" BETWEEN TAIL ROWS**

**CONTACT 1 ORIENTATION**

01 = UPPER RIGHT CORNER

**SPECIFICATIONS :**

ENVIRONMENT :

TEMPERATURE : -65°C TO +125°C

MECHANICAL :

INSULATOR MATERIAL : GLASS FILLED POLYESTER, BLACK, UL94V-0

CONTACT MATERIAL : PHOSPHOR BRONZE

CONTACT INSERTION FORCE : \*

6.2 o.z (1.7 N) TYP.

10.6 o.z (2.9 N) MAX.

\*MEASURED WITH .020 [0.51] DIA. PIN

CONTACT EXTRACTION FORCE : \*

1.8 o.z (0.5 N) TYP.

0.7 o.z [0.2 N] MIN.

\*MEASURED WITH .0145 [.037] DIA. PIN

RECOMMENDED MATING PIN SIZE :

.022 [0.56]W X .020 [0.51]T MAX.

.010 [0.25]W X .008 [0.20]T MIN.

ELECTRICAL :

CURRENT RATING :

1 AMP

VOLTAGE RATING :

300 Vrms

DIELECTRIC WITHSTANDING : 500 Vrms MIN.

INSULATION RESISTANCE : > 5000 Megohms

CONTACT RESISTANCE : 10 Milliohms TYP


30 Milliohms MAX.

1. MEETS THE REQUIREMENTS OF DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 27 JANUARY 2003 ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS).

NOTES : UNLESS OTHERWISE SPECIFIED

TABULATION :

NO. OF POS	DIM 'A'		DIM 'B'	
	IN	MM	IN	MM
14	.745	[18.92]	.600	[15.24]
16	.845	[21.46]	.700	[17.78]
18	.945	[24.00]	.800	[20.32]
20	1.045	[26.54]	.900	[22.86]

DIMENSIONS ARE IN INCHES TOLERANCES ARE:		APPROVALS		DATE		 CIRCUIT ASSEMBLY CORP. 18 THOMAS ST., IRVINE, CALIFORNIA 92618-2777		
DECIMALS	ANGLES	DRAWN						
.XX ± .010	± 3°	CUONG .P		6/27/01				
.XXX ± .005		CHECKED		A.JOCHEN		7/2/01		
DIMENSIONS IN BRACKETS [XXX] ARE IN MILLIMETERS TOLERANCES ARE:		THE INFORMATION AND DESIGN DISCLOSED HEREIN WAS ORIGINATED BY AND IS THE PROPERTY OF CIRCUIT ASSEMBLY CORPORATION. CIRCUIT ASSEMBLY CORPORATION RESERVES ALL RIGHTS, PROPRIETARY, DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALES RIGHTS THEREON, AND TO ANY PATENT, COPYRIGHT, TRADE MARK, OR OTHER INTELLECTUAL PROPERTY RIGHTS. THE FURNISHING DOES NOT APPLY TO VENDOR PROPRIETARY RIGHTS.						
DECIMALS	ANGLES	SIZE		CODE IDENT NO.		DRAWING NO.		REV.
.X ± .25	± 3°	C		52072		610218		B
.XX ± .13		SCALE: 4:1				SHEET 1 OF 1		
DO NOT SCALE DRAWING								