



REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	INITIAL RELEASE SEE DD 4441	C.P.	4-11-01	A.J
B	SEE DD 5769	C.P.	5-12-05	A.J
C	SEE DD 7286	C.P.	8-28-14	I.M.
D	SEE DD 7524	C.P.	5-28-19	T.L.
E	SEE DD 7626	C.P.	8-24-21	T.L.

TAIL TYPE:

1WW = 1 LEVEL WRAP TAIL	.310 [7.87]	X	DIM F	X	DIM G
2WW = 2 LEVEL WRAP TAIL	.413 [10.49]	X	.025 [0.64]	X	.025 [0.64]
3WW = 3 LEVEL WRAP TAIL	.630 [16.00]	X	.025 [0.64]	X	.025 [0.64]

PLATING:

10 = .000010 [0.00025] GOLD OVER .000075 [0.00190] NICKEL  
 T = .000250 [0.00635] TIN OVER .000075 [0.00190] NICKEL

**SPECIFICATIONS:**

**ENVIRONMENTAL:**  
 TEMPERATURE RANGE: -65° C TO +125° C

**MECHANICAL:**  
 INSULATOR MATERIAL: GLASS FILLED POLYESTER, BLACK, UL94V-0  
 CONTACT MATERIAL: PHOSPHOR BRONZE  
 CONTACT INSERTION FORCE:  
 6.2 oz. < 1.7 N. > TYP.  
 10.6 oz. < 2.9 N. > MAX.  
 MEASURED WITH .020 [0.51] DIA. PIN  
 CONTACT EXTRACTION FORCE:  
 1.8 oz. < 0.5 N. > TYP.  
 0.7 oz. < 0.2 N. > MIN.  
 MEASURED WITH .0145 [0.37] 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 VOLTAGE: 500 Vrms MIN.  
 INSULATION RESISTANCE: > 5000 Megohms  
 CONTACT RESISTANCE: 10 Milliohms TYP.  
 30 Milliohms MAX.

**TABULATION:**

NO. OF POSITIONS	A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM
10	.545	13.84	.400	10.16	.200	5.08	.295	7.49
14	.745	18.92	.600	15.24	.300	7.62	.395	10.03
16	.845	21.46	.700	17.78	.300	7.62	.395	10.03
18	.945	24.00	.800	20.32	.300	7.62	.395	10.03
20	1.045	26.54	.900	22.86	.300	7.62	.395	10.03
24	1.245	31.62	1.100	27.94	.600	15.24	.695	17.65
28	1.445	36.70	1.300	33.02	.600	15.24	.695	17.65
40	2.045	51.94	1.900	48.26	.600	15.24	.695	17.65

MATING CA PRODUCT: MP, IDP, IDP2, P

- MARK 'X' DIMENSION MUST BE CONTROLLED.  
 MARK 'X' IS DIMENSION NO.  
 MARK 'CPK' MUST BE CONTROLLED BY CPK.
- MEETS THE REQUIREMENTS OF THE EUROPEAN PARLIAMENT AND THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT. (RoHS)

NOTES : UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES TOLERANCES ARE:		APPROVALS		DATE	<b>CIRCUIT ASSEMBLY CORP.</b> 6 AUTRY SUITE 150, IRVINE, CALIFORNIA 92618		
DECIMALS	ANGLES	DRAWN	CUDNG.P.	4-10-01			
.XX ± .010	± 3°	CHECKED	A.JOCHEN	4-11-01	SOCKET STANDARD .300 HIGH WRAP TAIL "RoHS"		
.XX ± .005		THE INFORMATION AND DESIGN DISCLOSED HEREIN WAS ORIGINATED BY AND IS THE PROPERTY OF CIRCUIT ASSEMBLY CORPORATION. CIRCUIT ASSEMBLY CORPORATION RESERVES ALL PATENT, PROPRIETARY, DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALES RIGHTS THEREIN, AND TO ANY ARTICLE DISCLOSED HEREIN EXCEPT TO THE EXTENT RIGHTS ARE EXPRESSLY GRANTED TO OTHERS. THE FOREGOING DOES NOT APPLY TO VENDOR PROPRIETARY RIGHTS.		SIZE		CODE IDENT NO.	DRAWING NO.
DO NOT SCALE DRAWING		SCALE: 4 : 1		C	52072	610209	E
				SHEET 1 OF 1			