

PART NO. CA-68MDP-XX-XX-XX

L	SEE DO 3866	AJ	2-4-00	A.J.					
M	SEE DO 3993	JL	5-3-00	A.J.	LTR				
N	SEE DO 4304	C.P.	1-9-01	A.J.	A	INITIAL RELEASE SEE ECR 3929	BK	08-06-97	P.H.
P	SEE DO 4411	CLW	3-26-01	A.J.	B	SEE ECO 2796	BK	08-26-97	P.H.
R	SEE DO 4679	C.P.	11-8-01	A.J.	C	SEE DO 2810	BK	09-12-97	P.H.
S	SEE DO 4747	C.P.	2-01-01	A.J.	D	SEE DO 2863	BK	11-04-97	P.H.
T	SEE DO 5274	C.P.	9-11-03	A.J.	E	SEE DO 2964	DL	02-16-98	P.H.
U	SEE DO 5574	C.P.	8-17-04	A.J.	F	SEE DO 3107	DL	06-26-98	P.H.
V	SEE DO 5801	C.P.	6-17-05	L.F.	G	SEE DO 3140	DL	08-11-98	A.J.
W	SEE DO 6320	C.P.	1-11-07	I.M.	H	SEE DO 3276	PH	12-11-98	A.J.
Y	SEE DO 7257	C.P.	2-26-14	I.M.	J	SEE DO 3577	DL	05-20-99	A.J.
Z	SEE DO 7413	C.P.	6-20-17	I.M.	K	SEE DO 3822	AJ	1-6-00	A.J.
					AA	SEE DO 7548	C.P.	12-03-19	T.L.

REVISIONS									
						DESCRIPTION	DATE	APPROVED	
						INITIAL RELEASE SEE ECR 3929	BK	08-06-97	P.H.
						SEE ECO 2796	BK	08-26-97	P.H.
						SEE DO 2810	BK	09-12-97	P.H.
						SEE DO 2863	BK	11-04-97	P.H.
						SEE DO 2964	DL	02-16-98	P.H.
						SEE DO 3107	DL	06-26-98	P.H.
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**INSULATION DISPLACEMENT
D-TYPE PLUG
NUMBER OF
PIN POSITIONS**

CONTACT PLATING

- A = CONTACT AREA : GOLD FLASH
- 1A = CONTACT AREA : .00001(.000025) GOLD
- 3A = CONTACT AREA : .00003 [.00076] GOLD
- C = CONTACT AREA : .00015 [.00038] GOLD MIN.
- F = CONTACT AREA : .00030 [.00076] GOLD MIN.
- ALL :
IDC AREA : .000150 [.00381] TIN
UNDERPLATE : .000075 [.00191] NICKEL

ACCESSORY

- BLANK = STANDARD (NOT INCLUDED PULL LEASH & STRAIN RELIEF)
- PL = PULL LEASH
- SR = STRAIN RELIEF

WIRE GAUGE (AWG)

- BLANK = 30 AWG, PLASTIC COLOR: BLACK
- 32 = 32 AND 31 AWG, PLASTIC COLOR: WHITE

6. MARK "▼" DIMENSION MUST BE CONTROLLED.

MARK "(X)" IS DIMENSION No.

5. MEETS THE REQUIREMENTS OF THE EUROPEAN PARLIAMENT AND THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT. (RoHS)

4. CONNECTOR WILL TERMINATE .025 CENTER RIBBON CABLE, SEE PART NO. TABULATION FOR WIRE GAUGE.

3. FOR SPECIFICATION, EVALUATION AND PERFORMANCE OF MDP SERIES, SEE DWG. NO.S 100247, 200018 AND 200019.

2. SPECIFICATIONS

- ENVIRONMENTAL :
TEMPERATURE RANGE : -55°C TO +105°C
- ELECTRICAL :
CURRENT RATING : 0.5 AMPERES
DIELECTRIC WITHSTANDING VOLTAGE : 500 VDC FOR 1 MINUTE
INSULATOR RESISTANCE : 1000 MEGOHMS MINIMUM.
CONTACT RESISTANCE :
a) LESS THAN 35 MILLIOHMS THROUGH INSULATION
DISPLACEMENT PORTION AND PLUG/SOCKET INTERFACE.
b) LESS THAN 15 MILLIOHMS THROUGH PLUG/SOCKET INTERFACE.
- MECHANICAL :
INSULATOR MATERIAL : GLASS FILLED THERMOPLASTIC
COLOR : SEE PART NO. TABULATION , UL94V-0
CONTACT MATERIAL : PHOSPHOR BRONZE
DURABILITY : 500 CYCLES MINIMUM

1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
NOTES : UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES TOLERANCES ARE:	
DECIMALS	ANGLES
.XX ±.010	±3°
.XXX ±.005	
DIMENSIONS IN BRACKETS TOLERANCES ARE:	
DECIMALS	ANGLES
X ±.25	±3°
.XX ±.13	
DO NOT SCALE DRAWING	

APPROVALS	DATE
DRAWN B. KNERR	7-15-97
CHECKED P. HAAR	8-6-97

CIRCUIT ASSEMBLY CORP.
3A VANDERBILT, IRVINE, CALIFORNIA 92618-2030

**CONNECTOR ASSEMBLY
MDP SERIES
"ROHS"**

SIZE	CODE IDENT NO.	DRAWING NO.	REV.
C	52072	620368	AA

SCALE: 2:1 SHEET 1 OF 1

