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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	J	REV PER EC 0512-0310-05	11OCT05	BC DD

20.00 [.787] TYP

7.24 [.285]

5.26 [.207] REF

POSITION #1

0.15 [.006] TYP

19 SPACES AT 0.80 [.0315] TYP

1 HOUSING: LCP, BLACK.
CONTACT & GROUND PLANE: PHOS BRONZE.

2 CONTACT PLATING: SELECT 0.76 MICROMETERS (.000030 IN.) MIN. GOLD.

3 FOR STANDARD APPLICATIONS, ORIENTATION HOLE TO BE $\phi 1.02$ [$\phi 0.040$].

3.05 [.120]

0.95 [.037]

7.49 [.295] REF

3.25 $\begin{matrix} +0.12 \\ -0.03 \end{matrix}$ [.128 $\begin{matrix} +.005 \\ -.001 \end{matrix}$]

1.77 [.070]

TOL D

R

SECTION A-A

2.58 [.102] REF

0.89 [$\phi 0.035$] REF

2.67 ± 0.038 [.105 $\pm .0015$]

$\phi 3.56$ [.140] REF THRU

C ± 0.08 [.003]

2.794 [0.11] $\phi .004$ [0.1] X

0.41 [0.16] TYP $\phi .004$ [0.1] X

2.273 [.090]

PAD $\phi .004$ [0.1] X

4.699 [.185] $\phi .004$ [0.1] X

4.8895 [.193]

16.129 [.635]

6.350 [.250]

POSITION #1 $\phi 3.68$ [.145]

.432 [.017] TYP

.457 [.018]

2.870 [.113]

19 SPACES AT 0.80 [.0315] = 15.20 [.5985]

E SPACES AT 20.00 [.7875] = H

POSITION #2

.1981 [.008] 2 PLC

2.465 [.097]

B REF

C REF

ORIENTATION HOLE $\phi 1.02$ (.040) 2 PLC $\phi .006$ [0.15] X

DIFFERENTIAL PAIR LOADING
(BOTTOM VIEW)
SCALE 2:1

RECOMMENDED PC BOARD LAYOUT
(VIEWED FROM CONNECTOR SIDE)

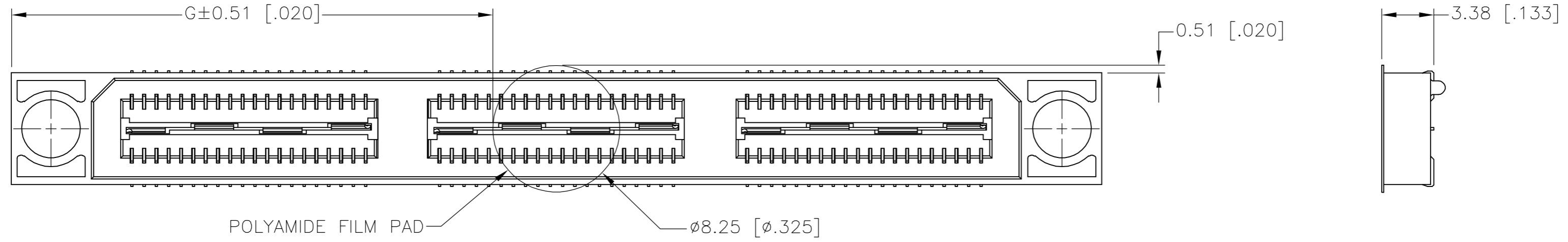
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN V. FURLER 29SEP03	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK D. DIXON 03MAR03		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. DIXON 03MAR03	NAME RECEPTACLE ASSEMBLY, VERTICAL 0.80MM CL, MICTOR SB	
0 PLC ± -		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ± 0.3 [.01]		APPLICATION SPEC	A2 00779 C=1658486	
2 PLC ± 0.13 [.005]		WEIGHT	SCALE SHEET REV	
3 PLC ± 0.05 [.0020]		4 PLC ± -	4:1 1 of 2 J	
ANGLES ± 2°		CUSTOMER DRAWING		
FINISH				

AMP 1471-9 REV 31MAR2000

1658486

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
AD	00	SEE SHEET 1					



20.00(.7874)	21.32(.839)	45.72(1.800)	1	0.102(.0040)	40.13(1.580)	35.20(1.386)	50.90(2.004)	YES	POCKET TAPE	YES	56	7-1658486-2
0(.000)	11.32(.446)	25.72(1.013)	0	0.102(.0040)	20.13(.793)	15.20(.598)	30.90(1.217)	YES	POCKET TAPE	YES	28	7-1658486-1
20.00(.7874)	21.32(.839)	45.72(1.800)	1	0.102(.0040)	40.13(1.580)	35.20(1.386)	50.90(2.004)	YES	POCKET TAPE	NO	80	6-1658486-2
0(.000)	11.32(.446)	25.72(1.013)	0	0.102(.0040)	20.13(.793)	15.20(.598)	30.90(1.217)	YES	POCKET TAPE	NO	40	6-1658486-1
20.00(.7874)	-	45.72(1.800)	1	0.102(.0040)	40.13(1.580)	35.20(1.386)	50.90(2.004)	NO	POCKET TAPE	YES	56	5-1658486-2
0(.000)	-	25.72(1.013)	0	0.102(.0040)	20.13(.793)	15.20(.598)	30.90(1.217)	NO	POCKET TAPE	YES	28	5-1658486-1
20.00(.7874)	-	45.72(1.800)	1	0.102(.0040)	40.13(1.580)	35.20(1.386)	50.90(2.004)	NO	POCKET TAPE	NO	80	4-1658486-2
0(.000)	-	25.72(1.013)	0	0.102(.0040)	20.13(.793)	15.20(.598)	30.90(1.217)	NO	POCKET TAPE	NO	40	4-1658486-1
80.00(3.150)	51.32(2.020)	105.72(4.162)	4	0.152(.0060)	100.14(3.943)	95.20(3.748)	110.91(4.367)	YES	TRAY	YES	140	3-1658486-5
60.00(2.362)	41.32(1.627)	85.72(3.375)	3	0.152(.0060)	80.14(3.155)	75.20(2.961)	90.91(3.579)	YES	TRAY	YES	112	3-1658486-4
40.00(1.575)	31.32(1.233)	65.72(2.587)	2	0.152(.0060)	60.13(2.368)	55.20(2.173)	70.90(2.791)	YES	TRAY	YES	84	3-1658486-3
20.00(.7874)	21.32(.839)	45.72(1.800)	1	0.102(.0040)	40.13(1.580)	35.20(1.386)	50.90(2.004)	YES	TRAY	YES	56	3-1658486-2
0(.000)	11.32(.446)	25.72(1.013)	0	0.102(.0040)	20.13(.793)	15.20(.598)	30.90(1.217)	YES	TRAY	YES	28	3-1658486-1
80.00(3.150)	51.32(2.020)	105.72(4.162)	4	0.152(.0060)	100.14(3.943)	95.20(3.748)	110.91(4.367)	YES	TRAY	NO	200	2-1658486-5
60.00(2.362)	41.32(1.627)	85.72(3.375)	3	0.152(.0060)	80.14(3.155)	75.20(2.961)	90.91(3.579)	YES	TRAY	NO	160	2-1658486-4
40.00(1.575)	31.32(1.233)	65.72(2.587)	2	0.152(.0060)	60.13(2.368)	55.20(2.173)	70.90(2.791)	YES	TRAY	NO	120	2-1658486-3
20.00(.7874)	21.32(.839)	45.72(1.800)	1	0.102(.0040)	40.13(1.580)	35.20(1.386)	50.90(2.004)	YES	TRAY	NO	80	2-1658486-2
0(.000)	11.32(.446)	25.72(1.013)	0	0.102(.0040)	20.13(.793)	15.20(.598)	30.90(1.217)	YES	TRAY	NO	40	2-1658486-1
80.00(3.150)	-	105.72(4.162)	4	0.152(.0060)	100.14(3.943)	95.20(3.748)	110.91(4.367)	NO	TRAY	YES	140	1-1658486-5
60.00(2.362)	-	85.72(3.375)	3	0.152(.0060)	80.14(3.155)	75.20(2.961)	90.91(3.579)	NO	TRAY	YES	112	1-1658486-4
40.00(1.575)	-	65.72(2.587)	2	0.152(.0060)	60.13(2.368)	55.20(2.173)	70.90(2.791)	NO	TRAY	YES	84	1-1658486-3
20.00(.7874)	-	45.72(1.800)	1	0.102(.0040)	40.13(1.580)	35.20(1.386)	50.90(2.004)	NO	TRAY	YES	56	1-1658486-2
0(.000)	-	25.72(1.013)	0	0.102(.0040)	20.13(.793)	15.20(.598)	30.90(1.217)	NO	TRAY	YES	28	1-1658486-1
80.00(3.150)	-	105.72(4.162)	4	0.152(.0060)	100.14(3.943)	95.20(3.748)	110.91(4.367)	NO	TRAY	NO	200	1658486-5
60.00(2.362)	-	85.72(3.375)	3	0.152(.0060)	80.14(3.155)	75.20(2.961)	90.91(3.579)	NO	TRAY	NO	160	1658486-4
40.00(1.575)	-	65.72(2.587)	2	0.152(.0060)	60.13(2.368)	55.20(2.173)	70.90(2.791)	NO	TRAY	NO	120	1658486-3
20.00(.7874)	-	45.72(1.800)	1	0.102(.0040)	40.13(1.580)	35.20(1.386)	50.90(2.004)	NO	TRAY	NO	80	1658486-2
0(.000)	-	25.72(1.013)	0	0.102(.0040)	20.13(.793)	15.20(.598)	30.90(1.217)	NO	TRAY	NO	40	1658486-1
H	G	F	E	D	C	B	A	POLYIMIDE FILM PAD ▲	PACKAGING TYPE	DIFF. PAIR	NO OF POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN V. FURLER 29SEP03
 CHK D.DIXON 03MAR03
 APVD D.DIXON 03MAR03
 PRODUCT SPEC
 APPLICATION SPEC

tyco Electronics Tyco Electronics Corporation
 Harrisburg, PA 17105-3608

RECEPTACLE ASSEMBLY, VERTICAL,
 0.80MM CL,
 MICTOR SB

SIZE A2 CAGE CODE 00779 DRAWING NO C=1658486 RESTRICTED TO

MATERIAL SEE SHEET 1 FINISH SEE SHEET 1 WEIGHT - SCALE 4:1 SHEET 2 OF 2 REV J

CUSTOMER DRAWING