0.45 ±0.05

DIM A

DIM B E

12.96 ±0.05

CIRCUIT 1

Y

1.27

0.50

1.27

X

2.00

5.78

0.50

3.81

0.50

Ø 0.740 ±0.075
TYP. (7X)

Ø 1.350 ±0.075
TYP. (2X)

⊕ 0.10 X Y

RECOMMENDED P.C.B. LAYOUT (T=1.6mm/2.0mm/2.4mm)

10.41 ±0.08

2.65 ±0.08

C

B

A

1.10

2.25 ±0.05

4.00

A

B

1.15 ±0.05

1.65 ±0.15

16.00

0.52 ±0.08

30°

2.20 ±0.08

SECTION A-A

0.35 ±0.05

45°

1.95 ±0.08

1.00
REF.

1.23 ±0.05

4.75 ±0.15

SECTION B-B

0.84 ±0.05

5.40 ±0.08

8.40 REF.

3.00

1.25

1.27
PITCH

2.67

2.67

CIRCUIT 1

12.96 REF

1.79

0.30 ±0.05

4.25 ±0.15

SECTION C-C

0.50

2.00

0.50

NOTES:
1. MATERIAL:
   HOUSING: THERMAL PLASTIC, UL94V-0, COLOR: SEE SHEET2
   TERMINAL/PEG: COPPER ALLOY, THICKNESS=0.25MM
2. TERMINAL PLATING:
   CONTACT AREA: (a) GOLD FLASH
                 (b) 0.76 MICRON GOLD PLATED
                 (c) 0.38 MICRON GOLD PLATED
   SOLDER TAIL:
       1.27 MICRON MIN. TIN-LEAD OR TIN PLATED
   UNDER PLATE:
       1.27 MICRON MIN. NICKEL PLATED
3. PEG PLATING:
       1.27 MICRON MIN. TIN-LEAD OR TIN PLATED OVERALL
       1.27 MICRON MIN. NICKEL UNDER PLATED
4. PACKAGING SPECIFICATION REFER TO PK-67491-001
5. PRODUCT SPECIFICATION REFER TO PS-67491-001
6. MATING PART: 67489
7. RECOMMENDED PROCESS: WAVE SOLDERING

ADD PART NUMBER		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	◎ ◁ THIRD ANGLE PROJECTION	
EC NO:	2006/03/07 2006/03/08 2006/03/08	▼=0		mm	INCH	DRAWN BY GRATE MA	DATE 2004/02/02	TITLE	1.27MM HIGH SPEED PLUG VERTICLE TYPE		
DRWN:BCHEN26			4 PLACES	± ---	± ---						
		▽=0	3 PLACES	± ---	± ---	CHECKED BY YAJUN	DATE 2004/02/02				
CH'KD:	DESCRIPTION	c	2 PLACES	± 0.15	± ---	APPROVED BY SAM	DATE 2004/02/02	molex	MOLEX INCORPORATED		
APPR:GRMA			1 PLACE	± 0.25	± ---						
			ANGULAR ± 3°			MATERIAL NO. SEE SHEET2		DOCUMENT NO. SD-67491-001		SHEET NO. 1 OF 2	
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

P/N	PLATING TYPE	DIM "A"	DIM "B"	COLOR	SOLDE AREA PLATING
67491-0010	SEE NOTE 2(a)	2.05			
67491-0011	SEE NOTE 2(b)	2.05		BLACK	
67491-0012	SEE NOTE 2(c)				TIN-LEAD
67491-0015	SEE NOTE 2(a)	2.35			
67491-0016	SEE NOTE 2(b)	2.35			
67491-0017	SEE NOTE 2(c)				
67491-0020	SEE NOTE 2(a)	2.05	2.57		
67491-0021	SEE NOTE 2(b)	2.05		BLACK	
67491-0022	SEE NOTE 2(c)				PURE TIN
67491-0025	SEE NOTE 2(a)	2.35			
67491-0026	SEE NOTE 2(b)	2.35			
67491-0027	SEE NOTE 2(c)				
67491-2020	SEE NOTE 2(a)	2.05			
67491-2021	SEE NOTE 2(b)	2.05		BLUE	
67491-2022	SEE NOTE 2(c)			PANTONE	
67491-2025	SEE NOTE 2(a)	2.35		NO. 293C	PURE TIN
67491-2026	SEE NOTE 2(b)	2.35		△E<3	
67491-2027	SEE NOTE 2(c)				
67491-3010	SEE NOTE 2(a)	3.00	3.20		
67491-3011	SEE NOTE 2(b)	3.00	3.20	BLACK	PURE TIN
67491-3012	SEE NOTE 2(c)				

E