Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.
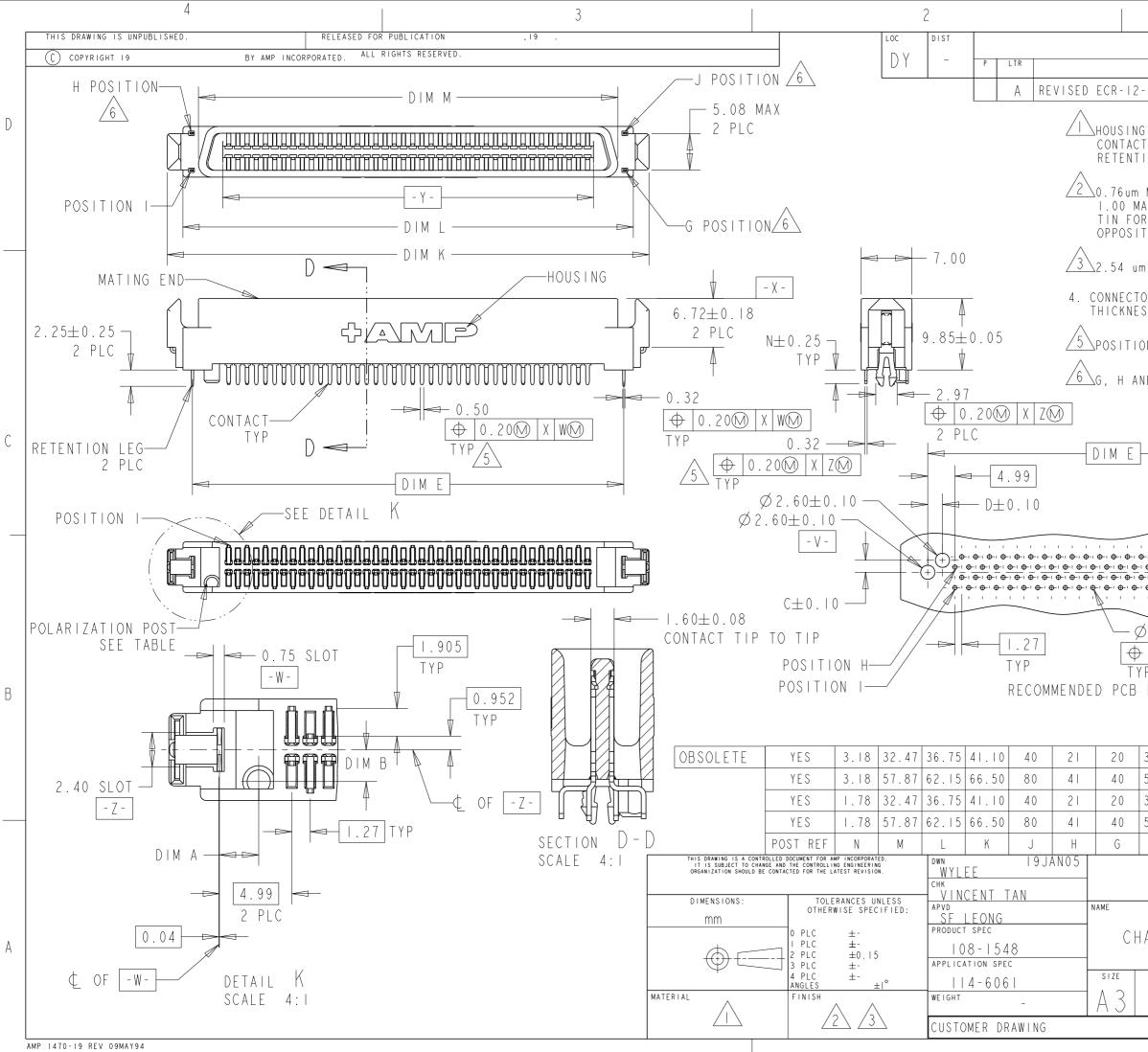
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

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**REVISIONS**

| LOC DY | DIST – | P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|---|---|
| | | | A | REVISED ECR-12-011098 | 07JAN2013 | AZ | AC |

H POSITION ⟨6⟩
J POSITION ⟨6⟩
DIM M
5.08 MAX 2 PLC
POSITION I
G POSITION ⟨6⟩
DIM L
-Y-
DIM K

⟨1⟩ HOUSING: LCP, UL 94V-0 RATED, BLACK
CONTACTS: PHOSPHOR BRONZE
RETENTION LEGS: BRASS

⟨2⟩ 0.76um MIN GOLD FOR A LENGTH 2.00 STARTING
1.00 MAX FROM MATING END, 3.81um MIN
TIN FOR A LENGTH OF 2.03 MIN FROM
OPPOSITE END, BOTH OVER 1.27um MIN NICKEL

⟨3⟩ 2.54 um MIN TIN OVER 1.27um MIN NICKEL

4. CONNECTOR WILL ACCOMMODATE PRINTED CIRCUIT BOARD
THICKNESS OF 1.00±0.13

⟨5⟩ POSITION TOLERANCE APPLIES AT CONTACT TIP ONLY

⟨6⟩ G, H AND J INDICATES NUMBER OF TERMINAL POSITIONS.

MATING END
HOUSING
7.00
-X-
6.72±0.18 2 PLC
9.85±0.05
N±0.25 TYP

2.25±0.25 2 PLC
+AMP

CONTACT TYP
D
0.50
⟨⊕ | 0.20(M) | X | W(M)⟩ TYP ⟨5⟩
2.97
⟨⊕ | 0.20(M) | X | Z(M)⟩ 2 PLC

RETENTION LEG 2 PLC
DIM E
0.32
⟨⊕ | 0.20(M) | X | W(M)⟩ TYP
0.32
⟨⊕ | 0.20(M) | X | Z(M)⟩ ⟨5⟩ TYP

DIM E

POSITION J
Ø2.60±0.10
⟨⊕ | Ø0.127(M) | V(M)⟩

4.99
D±0.10
Ø2.60±0.10
Ø2.60±0.10
-V-
C±0.10
1.905 TYP

POSITION I
SEE DETAIL K

POLARIZATION POST SEE TABLE

POSITION I
0.75 SLOT -W-
1.905 TYP
0.952 TYP

2.40 SLOT -Z-
DIM B
1.27 TYP
℄ OF -Z-

1.60±0.08
CONTACT TIP TO TIP
Ø0.80±0.05
⟨⊕ | Ø0.127(M) | V(M)⟩ TYP
POSITION G
0.952 TYP

POSITION H
POSITION I
RECOMMENDED PCB LAYOUT

DIM A
4.99 2 PLC
0.04
℄ OF -W-

DETAIL K
SCALE 4:1

SECTION D-D
SCALE 4:1

| POST REF | N | M | L | K | J | H | G | E | D | C | B | A | POS. | PART NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OBSOLETE | YES | 3.18 | 32.47 | 36.75 | 41.10 | 40 | 21 | 20 | 34.11 | 2.70 | 2.20 | 2.20 | 2.70 | 40 | 5084488-6 |
| | YES | 3.18 | 57.87 | 62.15 | 66.50 | 80 | 41 | 40 | 59.51 | 2.70 | 2.20 | 2.20 | 2.70 | 80 | 5084488-5 |
| | YES | 1.78 | 32.47 | 36.75 | 41.10 | 40 | 21 | 20 | 34.11 | 2.70 | 2.20 | 2.20 | 2.70 | 40 | 5084488-3 |
| | YES | 1.78 | 57.87 | 62.15 | 66.50 | 80 | 41 | 40 | 59.51 | 2.70 | 2.20 | 2.20 | 2.70 | 80 | 5084488-1 |

DWN WYLEE 19JAN05
CHK VINCENT TAN
APVD SF LEONG
PRODUCT SPEC 108-1548
APPLICATION SPEC 114-6061

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±–
1 PLC ±–
2 PLC ±0.15
3 PLC ±–
4 PLC ±–
ANGLES ±1°

MATERIAL ⟨1⟩
FINISH ⟨2⟩⟨3⟩

tyco Electronics
Tyco Electronics Singapore Pte. Ltd.

NAME
PLUG ASSEMBLY, VERTICAL,
CHAMP BLINDMATE .050 SERIES I

SIZE A3
CAGE CODE 00779
DRAWING NO C-5084488

WEIGHT –

CUSTOMER DRAWING

SCALE 2:1   SHEET   1 OF 1   REV A