Chipsmall

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

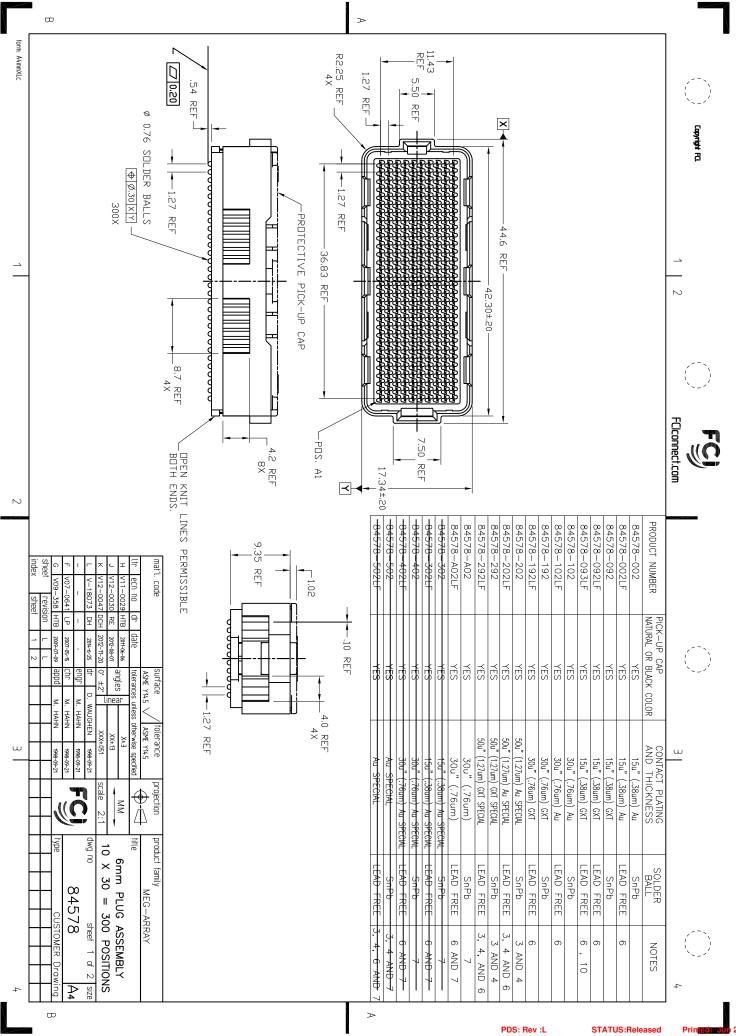Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

FCIconnect.com

PROTECTIVE PICK-UP CAP

OPEN KNIT LINES PERMISSIBLE

PDS. A1

Ø 0.76 SOLDER BALLS
300X

⌖ Ø.30 X Y

.54 REF

□ 0.20

1.27 REF

8.7 REF
4X

4.2 REF
8X

OPEN KNIT LINES PERMISSIBLE
BOTH ENDS.

R2.25 REF
4X

1.27 REF

1.27 REF

11.43 REF

5.50 REF

44.6 REF

42.30±.20

36.83 REF

7.50 REF

17.34±.20

X

Y

9.35 REF

1.02

.10 REF

4.0 REF
4X

1.27 REF

PRODUCT NUMBER	PICK-UP CAP NATURAL OR BLACK COLOR	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84578-002	YES	15u" (.38um) Au	SnPb	6
84578-002LF	YES	15u" (.38um) Au	LEAD FREE	6
84578-092	YES	15u" (.38um) GXT	SnPb	6
84578-092LF	YES	15u" (.38um) GXT	LEAD FREE	6
84578-093LF	YES	15u" (.38um) GXT	LEAD FREE	6, 10
84578-102	YES	30u" (.76um) Au	SnPb	6
84578-102LF	YES	30u" (.76um) Au	LEAD FREE	6
84578-192	YES	30u" (.76um) GXT	SnPb	6
84578-192LF	YES	30u" (.76um) GXT	LEAD FREE	6
84578-202	YES	50u" (1.27um) Au SPECIAL	SnPb	3 AND 4
84578-202LF	YES	50u" (1.27um) Au SPECIAL	LEAD FREE	3, 4 AND 6
84578-292	YES	50u" (1.27um) GXT SPECIAL	SnPb	3 AND 4
84578-292LF	YES	50u" (1.27um) GXT SPECIAL	LEAD FREE	3, 4, AND 6
84578-A02	YES	30u" (.76um)	SnPb	7
84578-A02LF	YES	30u" (.76um)	LEAD FREE	7
84578-302	YES	15u" (.38um) Au SPECIAL	SnPb	6 AND 7
84578-302LF	YES	15u" (.38um) Au SPECIAL	LEAD FREE	6 AND 7
84578-402	YES	30u" (.76um) Au SPECIAL	SnPb	7
84578-402LF	YES	30u" (.76um) Au SPECIAL	LEAD FREE	7
84578-502	YES	Au SPECIAL	SnPb	3, 4 AND 7
84578-502LF	YES	Au SPECIAL	LEAD FREE	3, 4, AND 7

PRODUCT NUMBER

SEE TABLE-SHEET1-1

NOTES:

1. MATERIAL:
   HOUSING: LCP, UL 94V-0 RATED
   CONTACT: COPPER ALLOY

   PLATING CONTACT: SEE TABLE ON SHEET 1
   SOLDER BALL: SEE TABLE ON SHEET 1
   EUTECTIC SnPb OR LEAD FREE
   95.5 Sn/4 Ag/0.5 Cu

2. OVERALL BOARD-TO-BOARD STACK HEIGHTS
   AVAILABLE USING THIS CONNECTOR (84578):

MATED HT.	WITH RECPT. P/N	-2XX PLATING
10.0	84501	SEE NOTE 3 & 4
11.5	84502	*
14.0	84553	SEE NOTE 3 & 4

* 84502 NOT AVAILABLE IN TELCORDIA/NORTEL VERSION.

3. PLATING FOR INDICATED -2XX SERIES
   PRODUCT NUMBERS MEET THE REQUIREMENTS OF
   GR-1217-CORE, CENTRAL
   OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).

4. PLATING FOR INDICATED -2XX SERIES PRODUCT
   NUMBER IS 50μ INCH MIN. Au OVER 100μ INCH MIN. Ni
   WITH SPECIAL CONTACT GEOMETRY TO
   MEET REQUIREMENTS OF TELCORDIA GR-1217-CORE:
   CENTRAL OFFICE ENVIRONMENT.

5. FOR PROPER APPLICATION FOLLOW FCI APPLICATION
   SPECIFICATION GS-20-033. LEAD FREE SOLDER
   BALLS WILL NOT SOLDER PROPERLY IN A LEADED
   SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE
   LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS
   COMPATIBLE WITH LEADED OR SOME SOLDERING
   APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION.

6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVE AND OTHER
   COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
   PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE
   LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X"
   IN THE SEVENTH CHARACTER POSITION.

7. 84578-A02 AND -A02LF ARE CUSTOMER SPECIALS.

9. A ⚠ SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR
   NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT
   DRAWING REVISION.

10. 84578-093LF HAS A SPECIAL CAP

STENCIL MATED
CONNECTOR OUTLINE
ONTO BOARD.

BOARD PATTERN

∅.64
PAD
SIZE

17.34 REF
5.50 REF
44.60 REF
1.27
36.83
42.30 REF
POS. A1
R2.25 REF 4X
7.50 REF
1.27
11.43

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mat'l code	SEE NOTE 1	
ltr	ecn no	dr	date
L			

surface
SEE NOTE 1

tolerances unless otherwise specified

	ASME Y14.5 ∨	tolerance	ASME Y14.5
angles		X±.3	
linear		XX±.13	
0° ±2°		XXX±.051	

	dr	D. WAUGHEN	1998-09-21
	engr	M. HAHN	1998-09-21
	chr	M. HAHN	1998-09-21
	appd	M. HAHN	1998-09-21

product family
MEG-ARRAY

title
6mm PLUG ASSEMBLY
10 X 30 = 300 POSITION

dwg no
84578

type
CUSTOMER Drawing

sheet index
revision sheet

scale 2:1
MM
projection ⊕ ◁|

sheet 2 of 2
size A4

form: A4mmXlc