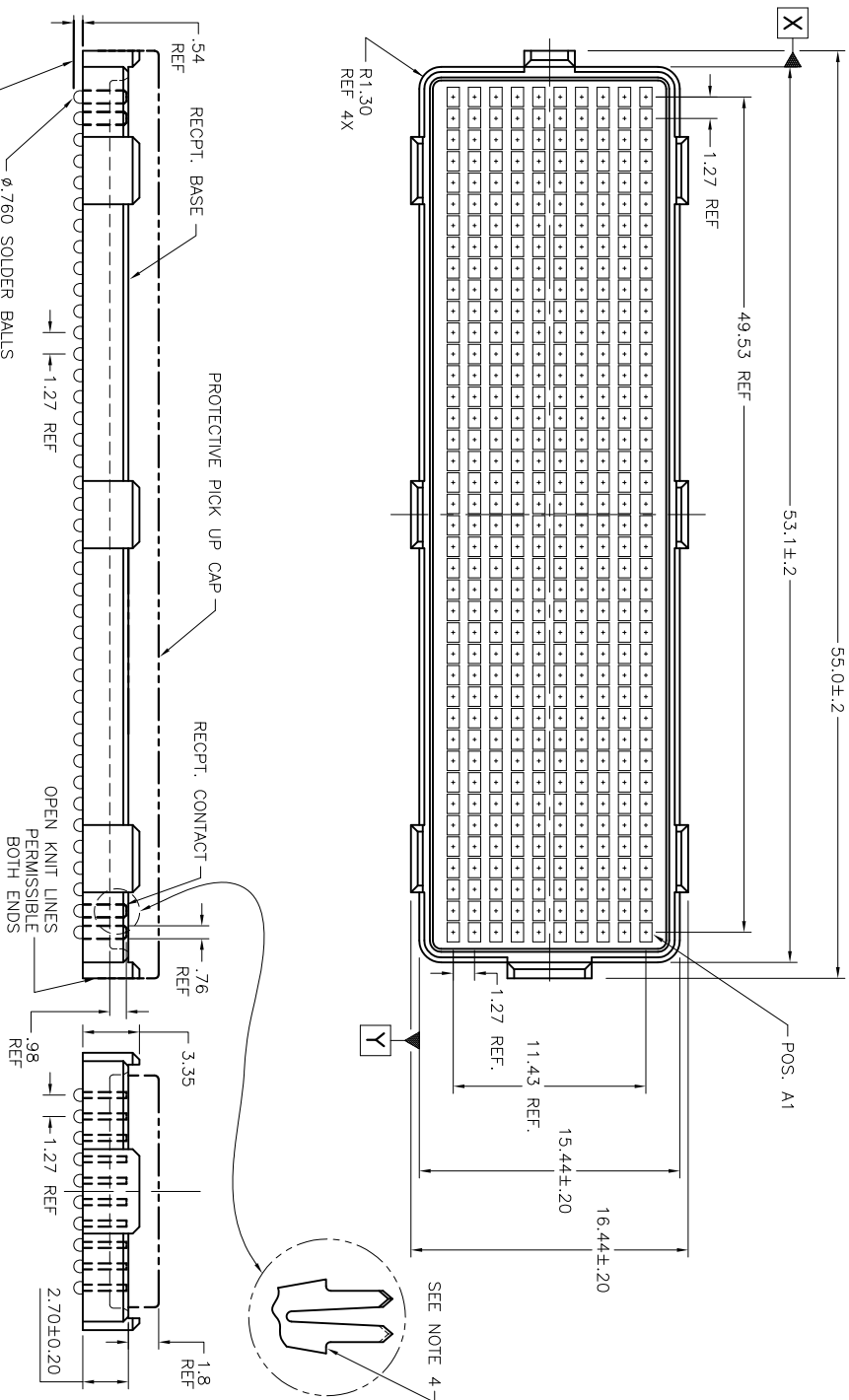


PRODUCT NUMBER
SEE TABLE-SHEET 3

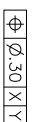
1 2

3

4



Ø .760 SOLDER BALLS
NOTE 2.



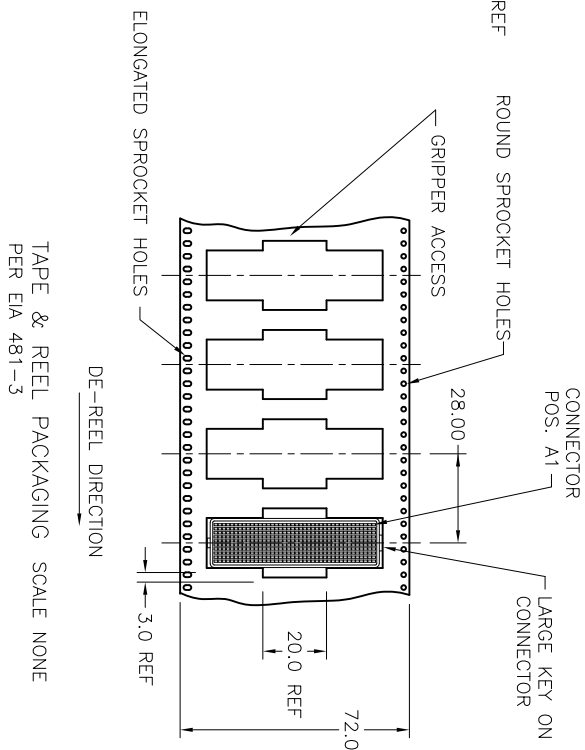
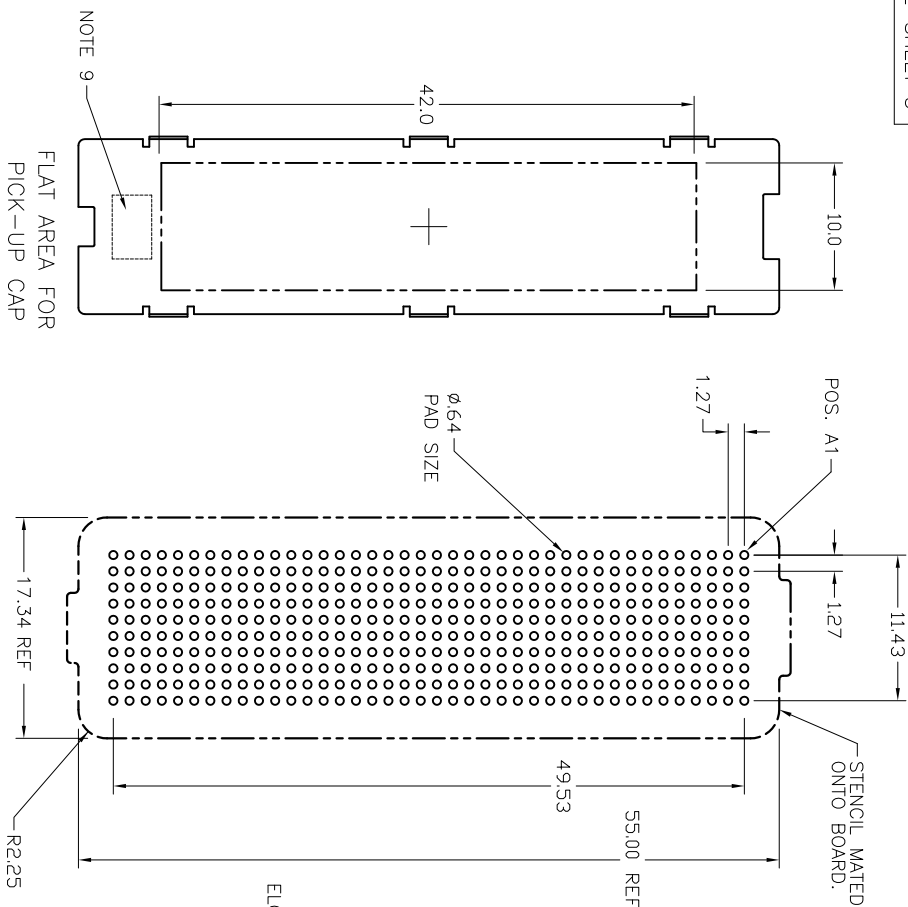
mat'l. code		surface		tolerance		projection		product family	
litr	ecm no.	dfr	date	ASPE Y14.5	ASPE Y14.5	ASPE Y14.5	ASPE Y14.5	MEG-ARRAY	title
N	V06-0560	LP	2006-07-08	angles	XXX.13	XXX.13	XXX.13	4mm	4mm RECEPTACLE ASSEMBLY
P	V-004083	HTB	2010-06-13	or ±2	XXX.051	XXX.051	XXX.051	10 X 40 = 400 POSITIONS	
R	V012300	DOH	2012-06-11	D. WUJCHEN	1997-11-26	1997-11-26	1997-11-26	Scale: 3:1	
S	V-13457	DOH	2012-11-15	D. WUJCHEN	1997-11-26	1997-11-26	1997-11-26		
T	V-22253	RWB	2015-10-20	ENGJ	T. LEMKE	1997-11-26	1997-11-26		
-	-	-	-	CTR	T. LEMKE	1997-11-26	1997-11-26		
M	V05-1071	DAI	2005-12-21	QDDJ	T. LEMKE	1997-11-26	1997-11-26		
Sheet	revision	T	T	T	T				
Index	Sheet	1	2	3	4				



74221

A4

PRODUCT NUMBER
SEE TABLE-SHEET 3



TAPE & REEL PACKAGING SCALE NONE
PER EIA 481-3

mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family
lit	ecm no	dr	date	ASPC Y4.5	ASPC Y4.5
T				angles	3x3
				or #2	XXX-13
				dr	D. WAUGHEN 1997-11-26
				dr	T. LEMKE 1997-11-26
				dr	T. LEMKE 1997-11-26
				dr	T. LEMKE 1997-11-26
				dr	T. LEMKE 1997-11-26
sheet	revision				
index	sheet				

title	product family
4mm RECEPTACLE ASSEMBLY	MEG-ARRAY
10 x 40 = 400 POSITIONS	
Scale: 2:1	
dwg no	sheet 2 of 4
74221	size
A4	

type	CUSTOMER Drawing
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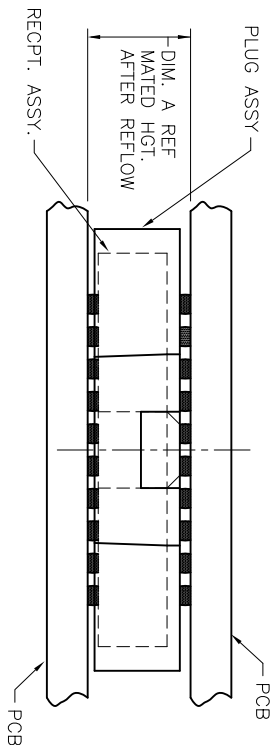
3

4

PRODUCT NUMBER	PICK-UP CAP	CONTACT PLATING	SOLDER BALL	NOTES
74221-001	YES	15μ" (.38μm) Au	SnPb	
74221-001LF	YES		SnAgCu LEAD FREE	7
74221-091	YES	15μ" (.38μm) GXT	SnPb	
74221-091LF	YES		SnAgCu LEAD FREE	7
74221-101	YES	30μ" (.76μm) Au	SnPb	
74221-101LF	YES		SnAgCu LEAD FREE	7
74221-191	YES	30μ" (.76μm) GXT	SnPb	
74221-191LF	YES		SnAgCu LEAD FREE	7
74221-201	YES	Au SPECIAL	SnPb	5
74221-201LF	YES		SnAgCu LEAD FREE	5 AND 7
74221-291	YES	GXT SPECIAL	SnPb	5
74221-291LF	YES		SnAgCu LEAD FREE	5 AND 7
74221-A01	YES	30μ" (.76μm) Au SPECIAL	SnPb	8
74221-A01LF	YES		SnAgCu LEAD FREE	8 AND 7
74221-301	YES	15μ" (.38μm) SPECIAL	SnPb	8
74221-301LF	YES	15μ" (.38μm) SPECIAL	SnAgCu LEAD FREE	7 AND 8
74221-401	YES	30μ" (.76μm) SPECIAL	SnPb	8
74221-401LF	YES	30μ" (.76μm) SPECIAL	SnAgCu LEAD FREE	7 AND 8
74221-501	YES	SPECIAL	SnPb	5 AND 8
74221-501LF	YES	SPECIAL	SnAgCu LEAD FREE	5, 7, 8

A

A



MATED HEIGHT TABLE			
DIM. A	PLUG ASSY P/N	RECPT. ASSY P/N	
4.0	84740	74221	
10.0	84520	74221	

MATED HEIGHT AFTER REFLOW IS BASED ON Ø .064mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.
END VIEW - MATED CONNECTORS SCALE NONE

B

B

Item: ArrayMLC

1

2

3

4

mat'l. code		SEE NOTE 1		surface		tolerance		projection		product family	
lbr	ecn no	dfr	date	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	MEG-ARRAY	title
T				angles	3x3	3x3	3x3	3x3	3x3	4mm RECEPTACLE ASSEMBLY	10 x 40 = 400 POSITIONS
				dr	D. WUJCHEN	1997-11-26	1997-11-26	dr	D. WUJCHEN	1997-11-26	1997-11-26
				dr	T. LEMKE	1997-11-26	1997-11-26	dr	T. LEMKE	1997-11-26	1997-11-26
				dr	T. LEMKE	1997-11-26	1997-11-26	dr	T. LEMKE	1997-11-26	1997-11-26
sheet	revision										
index	sheet										



FCI
74221

sheet 3 of 4
size A4
CUSTOMER Drawing

PRODUCT NUMBER
SEE TABLE-SHEET 3

NOTES:

1. MATERIAL:

HOUSING: LCP, MEETS UL94 V-0 OR BETTER.
CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE ON SHEET 3)
SOLDER BALL: (SEE TABLE ON SHEET 3)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

2. SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE
DUE TO REFLOW ATTACHMENT.

3. MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE,
PLATING, SOLDER REFLOW PROFILE, & SOLDER PASTE.

4. NO TIN\LEAD OR FLUX ABOVE TERMINAL SHOULDER.

5. PLATING FOR -2XX SERIES DASH NOS. MEETS
THE REQUIREMENTS OF GR-1217-CORE,
CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE

6. 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.

7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES 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.

8. 74221-A01, -A01LF, HAVE CUSTOMER SPECIAL PLATING.

9. CURRENT COMPANY LOGO TO BE VISIBLE IN
APPROXIMATE AREA SHOWN.

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

11. -301, -301LF, -401, -401LF, -501, -501LF ARE OBSOLETE

mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family
litr	ecn no	dr	date	ASPC Y4.5	ASPC Y4.5
				tolerances unless otherwise specified	
T			angles	3x3	
			or ±2°	XXX.051	
			dr	T. BREWAKER 2016-06-13	
			ENGR D. HORCHLER 2016-06-13		
			DR D. HORCHLER 2016-06-13		
			apdd	D. HORCHLER 2016-06-13	
sheet	revision				
index	sheet				



title
4mm RECEPTACLE ASSEMBLY
10 x 40 = 400 POSITIONS
dwg no
74221
sheet 4 of 4
size
A4
type
CUSTOMER Drawing

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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