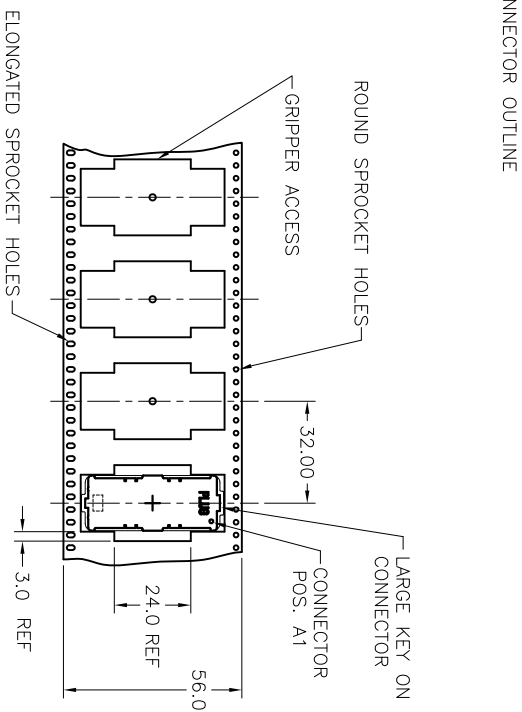
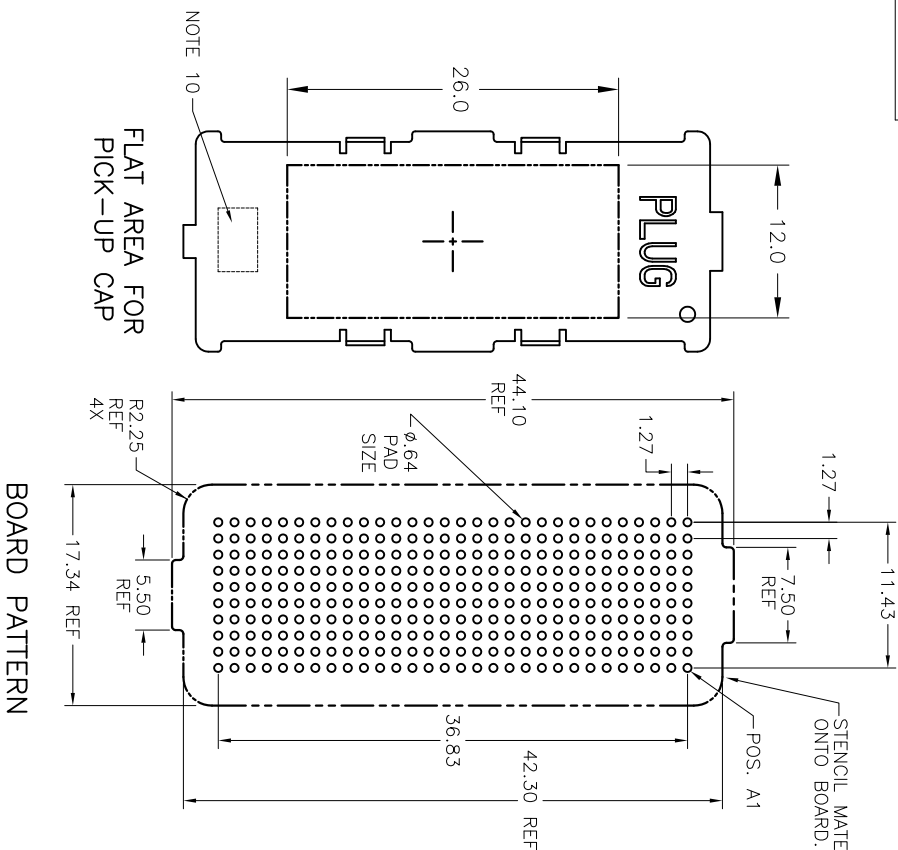




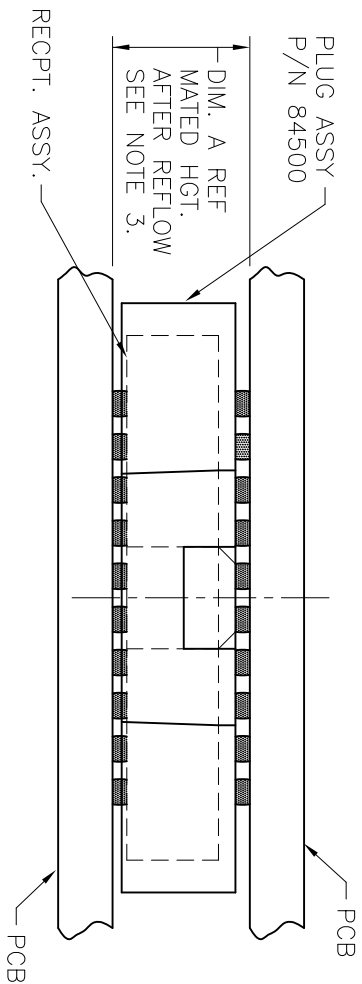
-Ø.760 SOLDER BALLS
NOTE 2

CONTINUOUS OPEN KNT LINE CRACKS (TRAVERSING THE ENTIRE BODY LENGTH OF THE CONNECTOR) WHICH CAUSE CRITICAL-TO-FUNCTION DIMENSIONAL CHANGES THAT AFFECT THE CONNECTORS MECHANICAL ALIGNMENT FEATURES ARE NOT PERMISSIBLE. SEE NOTE 6.



TAPE & REEL PACKAGING SCALE: NONE
PER EIA 481-3

mat'l code		surface		tolerance		projection		product family	
SEE NOTE 1		ASME Y14.5 ✓		ASME Y14.5				MEG-ARRAY	
lth	ecrn no	dr	date	tolerances unless otherwise specified				title	
R				angles		MM		0mm PLUG ASSEMBLY	
				0° ±2°				10 X 30 = 300 POSITIONS	
					XXX+051	scale 2:1		dwg no	
								sheet 2 of 5	
								84500	
								size	
								A4	
								type	
								CUSTOMER Drawing	
sheet index	revision	sheet							



MATED HEIGHT TABLE		
DIM. A	RECP.T. ASSY. P/N	-2XX PLATING
4.0	84501	SEE NOTE 4.
5.5	84502	*
8.0	84553	SEE NOTE 5.

* 84502 NOT AVAILABLE IN TELCORDIA/NORTEL VERSION.

MATED HEIGHT AFTER REFLOW IS BASED ON ϕ .64mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.

END VIEW – MATED CONNECTORS SCALE: NONE

mat'l code		surface		tolerance		projection		product family	
SEE NOTE 1		ASME Y14.5 ✓		ASME Y14.5				MEG--ARRAY	
lth	ecrn no	dr	date	irregularities unless otherwise specified				title	
R				angles	xx+3 xx+3	MM		0mm PLUG ASSEMBLY	
				0° ±2°	xxx+051 xxx+051	scale 2:1		10 X 30 = 300 POSITION	
				dr	D. WAUGHEN 799-12-6			dwg no	
				ENGR	D. HARPER 799-12-6			sheet 3 of 5 size	
				cmr	D. HARPER 799-12-6			84500	
				apprd	D. HARPER 799-12-6			A4	
sheet index	revision					type		CUSTOMER Drawing	



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4

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK IN COLOR)		CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
	1	2			
84500-002	YES		15μ" (.38μm) Au	SnPb	
84500-002LF	YES		15μ" (.38μm) Au	LEAD FREE	7 & 8
84500-092	YES		15μ" (.38μm) GXT	SnPb	
84500-092LF	YES		15μ" (.38μm) GXT	LEAD FREE	7 & 8
84500-093	WITH VENT HOLES		15μ" (.38μm) GXT	SnPb	7 , 8
84500-093LF	WITH VENT HOLES		15μ" (.38μm) GXT	LEAD FREE	7 , 8
84500-102	YES		30μ" (.76μm) Au	SnPb	
84500-102LF	YES		30μ" (.76μm) Au	LEAD FREE	7 & 8
84500-192	YES		30μ" (.76μm) GXT	SnPb	
84500-192LF	YES		30μ" (.76μm) GXT	LEAD FREE	7 & 8
84500-202	YES		50μ" (1.27μm) Au SPECIAL	SnPb	4, & 5
84500-202LF	YES		50μ" (1.27μm) Au SPECIAL	LEAD FREE	4, 5, 7 & 8
84500-292	YES		50μ" (1.27μm) GXT SPECIAL	SnPb	4, & 5
84500-292LF	YES		50μ" (1.27μm) GXT SPECIAL	LEAD FREE	4, 5, 7, & 8
84500-A02	YES		30μ" (.76μm)	SnPb	9
84500-A02LF	YES		30μ" (.76μm)	LEAD FREE	7, 8 & 9

A

A

B

mat'l. code		SnPb		surface		tolerance		projection		product family	
SEE NOTE 1		date		ASPE Y14.5		ASPE Y14.5		ASPE Y14.5		MEG-ARRAY	
litr	ecm no	dr	date	tolerances unless otherwise specified		angles		MM		title	
R				X&3		XXX-13		Scale 2:1		0mm PLUG ASSEMBLY	
				dr		T. BREWBAKER		2011-06-06		10 X 30 = 300 POSITIONS	
				dr		T. BREWBAKER		2011-06-06		sheet 4 of 5	
				dr		T. BREWBAKER		2011-06-06		size	
				dr		D. HORCHLER		2011-06-06		A4	
sheet	revision			apdd		FCI		CUSTOMER Drawing			
index	sheet										

form: ArrayMLC

1

2

3

4

PRODUCT NUMBER

SEE TABLE

NOTES:

① MATERIAL:

HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING:

CONTACT: (SEE TABLE)
SOLDER BALL: (SEE TABLE)
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 PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF (GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY).

⑤ PLATING FOR INDICATED -2XX SERIES PART NOS. IS Au OVER Ni WITH SPECIAL CONTACT GEOMETRY TO MEET REQUIREMENTS OF TELCORDIA GR-1217-CORE: CENTRAL OFFICE ENVIRONMENT.

⑥ KNT LINE: SLIGHT VISIBLE MARKS (USUALLY A LINE) INDICATING THE DIRECTION AND MEETING POINT OF PLASTIC RESIN FLOW FRONTS TRAVELING AROUND ANY OBSTRUCTIONS TO THE RESIN FLOW VIA THE REQUIRED MOLD TOOLING.

⑦ 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.

⑧ 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.

⑨ 84500-A02 AND -A02LF ARE CUSTOMER SPECIALS.

⑩ CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

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

mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family
lfr	ecn no	dr	date	ASPC Y4.5	ASPC Y4.5
R		angles	XXX.13	XXX.13	XXX.13
		or ±2°	XXX.051	Scale 2:1	Scale 2:1
		dr	T. BREWAKER	2016-06-06	2016-06-06
		plgr	T. BREWAKER	2016-06-06	2016-06-06
		cltr	T. BREWAKER	2016-06-06	2016-06-06
		apdd	D. HORCHLER	2016-06-06	2016-06-06
sheet	revision				
index	sheet				

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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