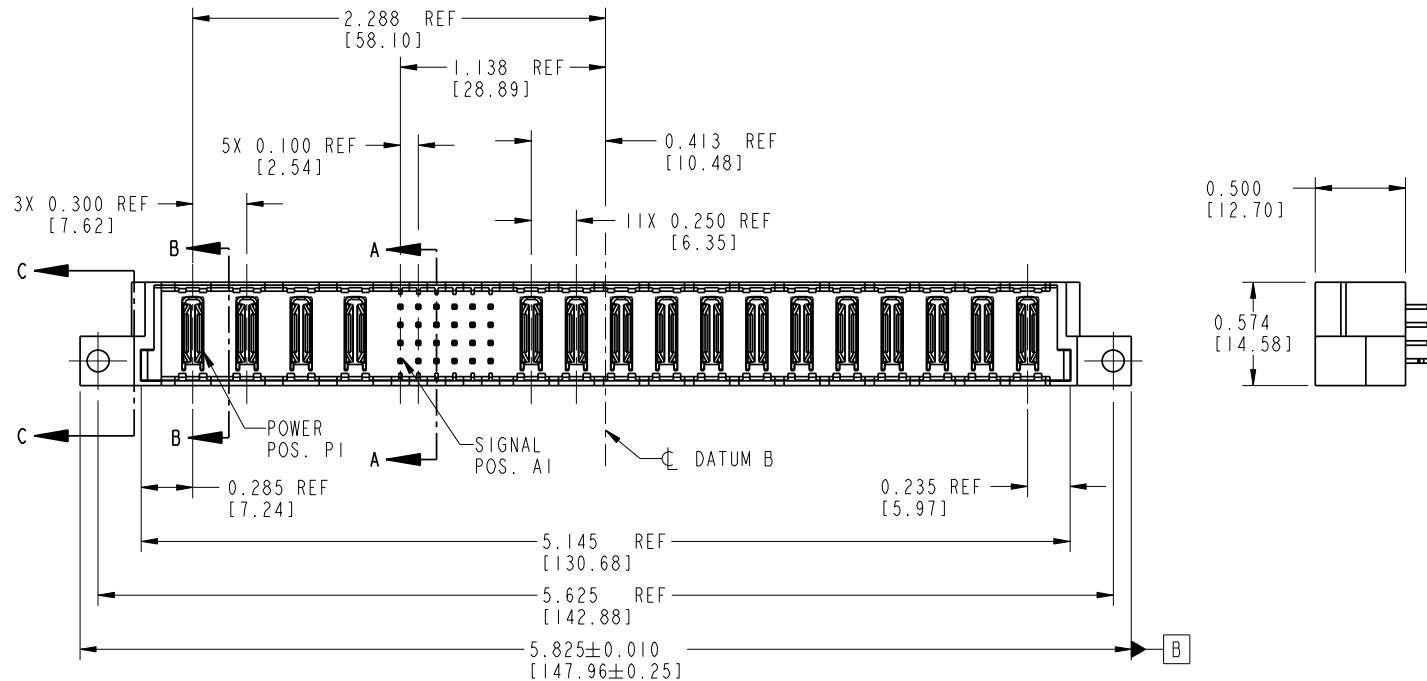


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PRODUCT NO.	ROWS	POWER				SIGNAL						POWER												PRINTING																																																																																																																																																																																																																																																																																	
		E1	P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15			P16	E2																																																																																																																																																																																																																																																																														
51963-005-- NOTE 3	D C B A		 PA	 PA	 PA	 PA						 PA	 PA	 PA	 PA	 PA	 PA	 PA	 PA	 PA	 PA	 PA	 PA	 PA	 PA																																																																																																																																																																																																																																																																																



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	0.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER		PRELIMINARY	
SEE NOTE 2						COPY		www.fciconnect.com	
lir	ecm no.	dr	date	linear	.XX±.01/0.X±0.3	projection		title 4ACP + 24S + 12P	
A	V03-1075	TAB	09/26/03		.XXX±.005/0.XX±0.13			VERTICAL SOLDER HEADER	
B	DG05-0506	Ryan	11/28/05		.XXX±.0020/0.XXX±0.051			product family PwrBlade	
				angles	0°±2°	INCH/MM		code 213	
				dr	T. BRUNGARD 08/22/03			size	
				enqr	M. MOSTOLLER 08/22/03			dwg no	
				chr	M. MOSTOLLER 08/22/03			A 51963-005	
				appd	M. MOSTOLLER 08/22/03			sheet 1 of 4	
sheet index	revision	B	B	B	B				
	sheet	1	2	3	4				

Pro/E

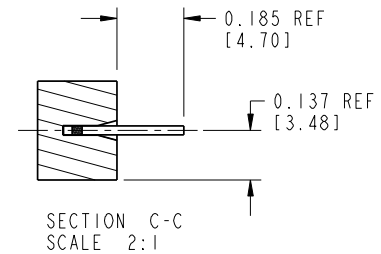
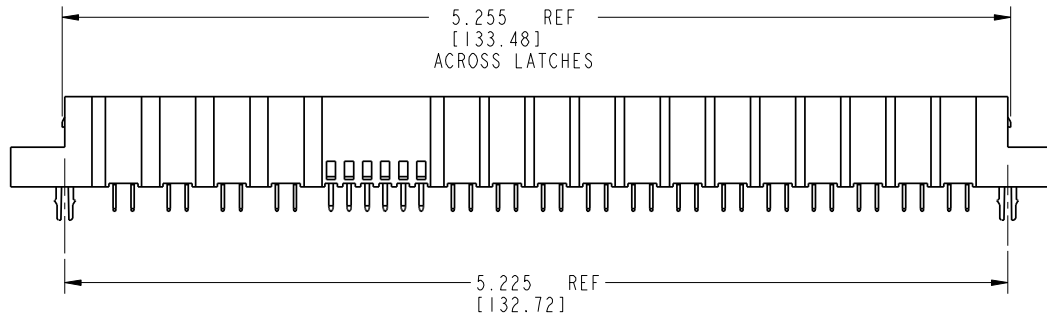
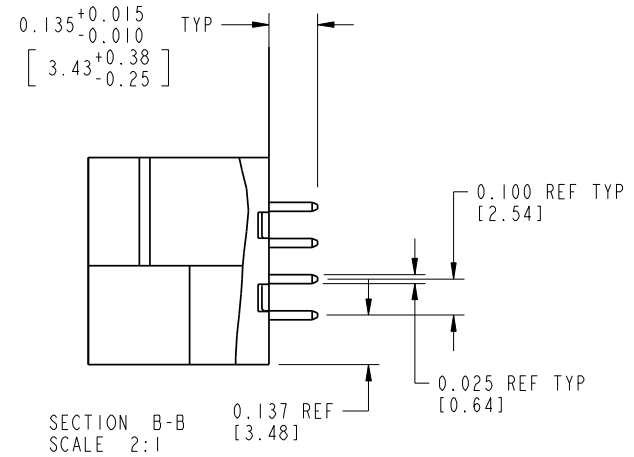
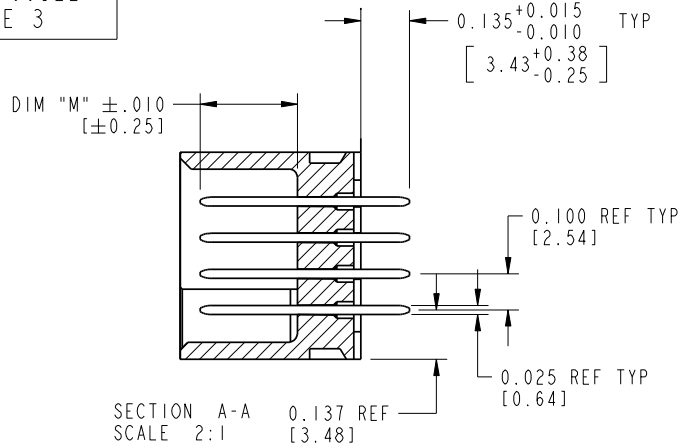
cage code 22526

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PRODUCT NUMBER

51963-005--
NOTE 3



PRELIMINARY

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
SEE NOTE 2						COPY		www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		title	4ACP + 24S + 12P
B					.XXX±.005/0.XX±0.13			VERTICAL SOLDER HEADER	
				angles	.XXX±.0020/0.XXX±0.051	INCH/MM		product family	PwrBlade
				dr	T. BRUNGARD 08/22/03	scale		size	213
				engr	M. MOSTOLLER 08/22/03	1:1		dwg no	51963-005
				chr	M. MOSTOLLER 08/22/03			sheet	2 of 4
				appd	M. MOSTOLLER 08/22/03				
sheet index	revision	sheet							

Pro/E

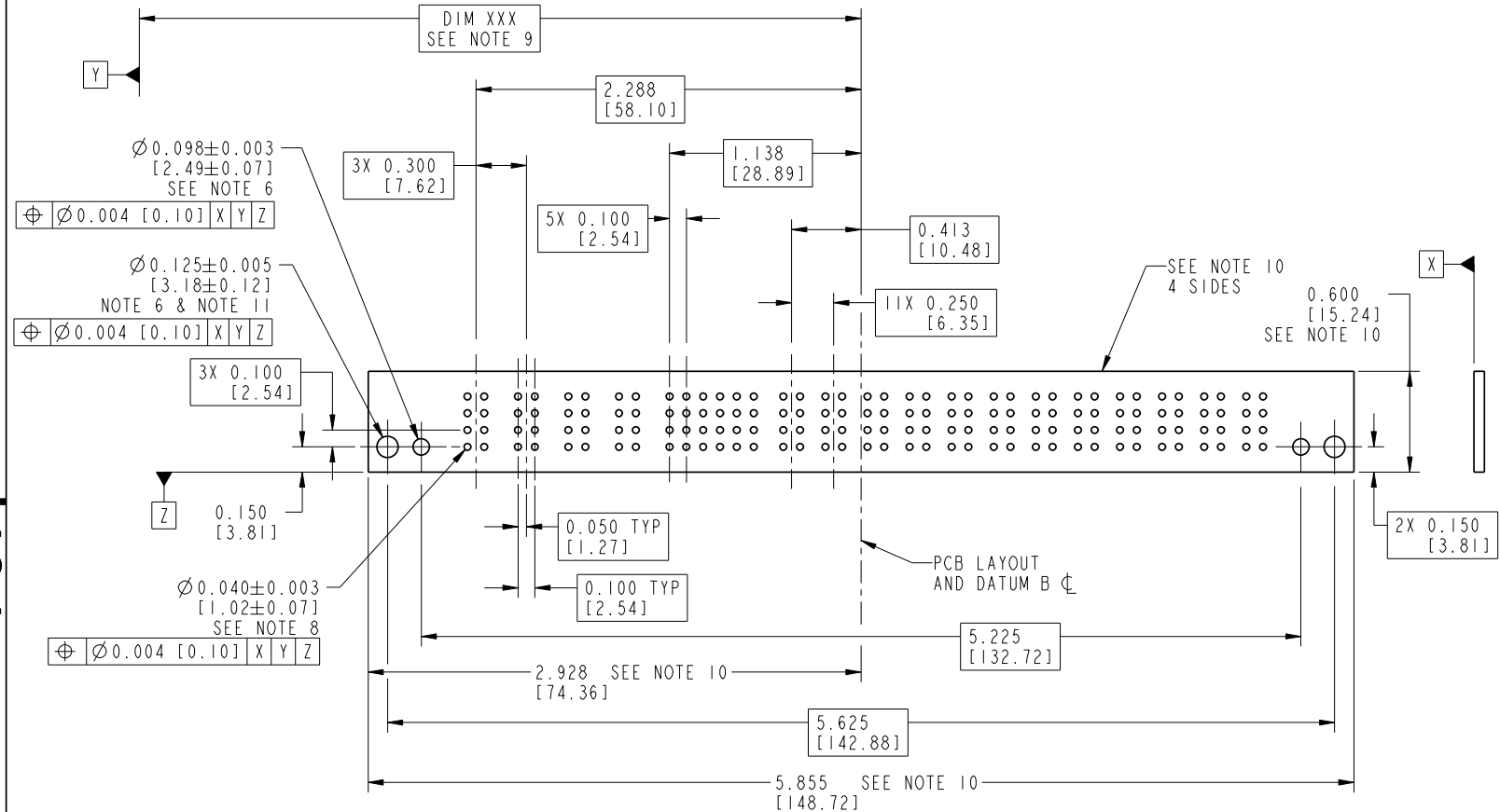
cage code 22526

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PRODUCT NUMBER
51963-005--
NOTE 3



PRELIMINARY

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	.XX ± .01 / 0.X ± 0.3	COPY	projection	title	www.fciconnect.com
B					.XXX ± .005 / 0.XX ± 0.13			4ACP + 24S + 12P	
				angles	.XXX ± .002 / 0.XXX ± 0.051			VERTICAL SOLDER HEADER	
				dr	T. BRUNGARD 08/22/03	INCH/MM		product family	PwrBlade
				enrg	M. MOSTOLLER 08/22/03	scale		size	dwg no
				chr	M. MOSTOLLER 08/22/03	1:1		51963-005	code
				appd	M. MOSTOLLER 08/22/03				213
sheet index	revision	sheet							sheet
									3 of 4

Pro/E

code code 22526

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B

PRODUCT NUMBER
51963-005--
NOTE 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

2 HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC

POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:

51963-005: SIGNAL PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA

51963-005LF: SIGNAL PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA

PART NUMBER 51963-005LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DECCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

4. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

5. PACKAGED IN TRAYS.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8 $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.

9 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

10 CONNECTOR KEEP-OUT ZONE.

11 CUSTOMER SUPPLIES (2) #4-40 UNC SCREWS,
HARDWARE TO MOUNT HEADER TO PC BOARD.

PRELIMINARY

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com			
lfr	ecn no.	dr	date	linear	angles	projection	INCH/MM	title	product family	code	
B				.XX $\pm$.01/0.X $\pm$ 0.3	0° $\pm$ 2°			4ACP + 24S + 12P VERTICAL SOLDER HEADER	PwrBlade	213	
				.XXX $\pm$.005/0.XX $\pm$ 0.13							
				.XXX $\pm$.0020/0.XXX $\pm$ 0.051							
				dr	T. BRUNGARD 08/22/03						
				enrg	M. MOSTOLLER 08/22/03						
				chr	M. MOSTOLLER 08/22/03						
				appd	M. MOSTOLLER 08/22/03						
sheet index	revision	sheet									

A

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

cage code 22526

4

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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