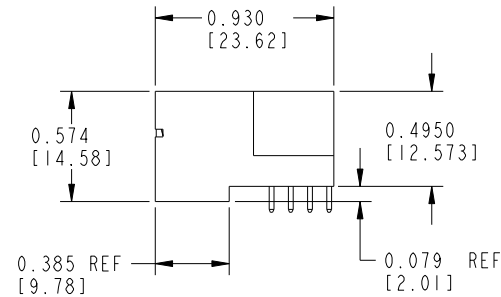
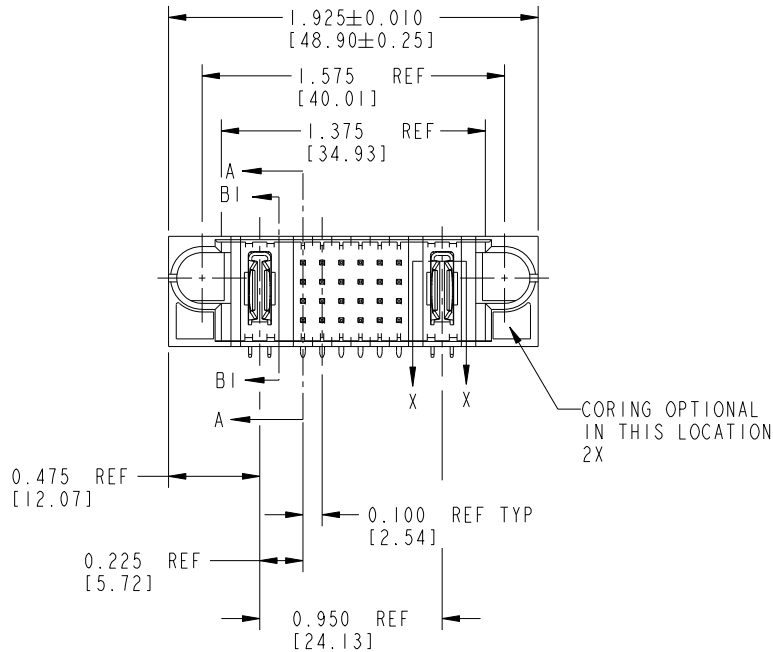
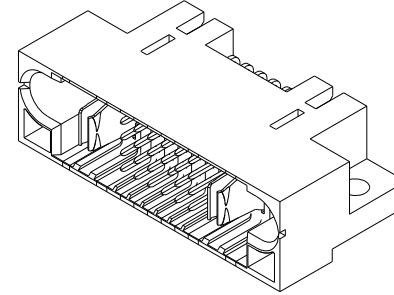
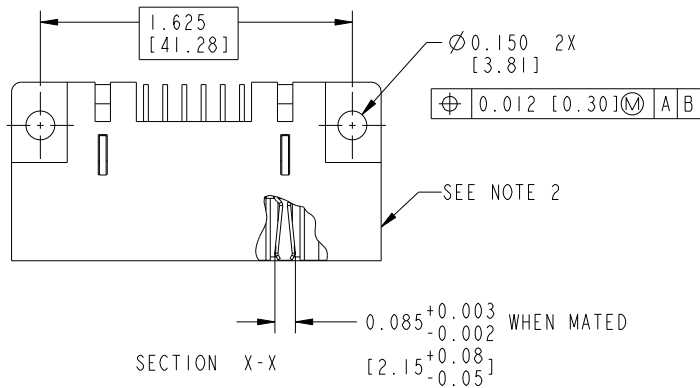


PRODUCT NUMBER
51415-00X--
SEE NOTE: 3



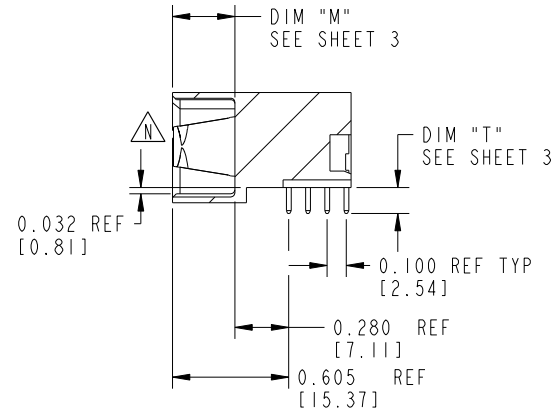
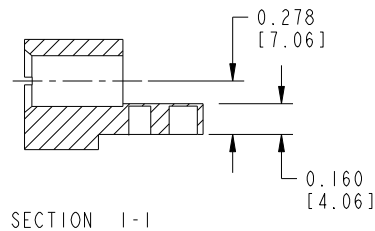
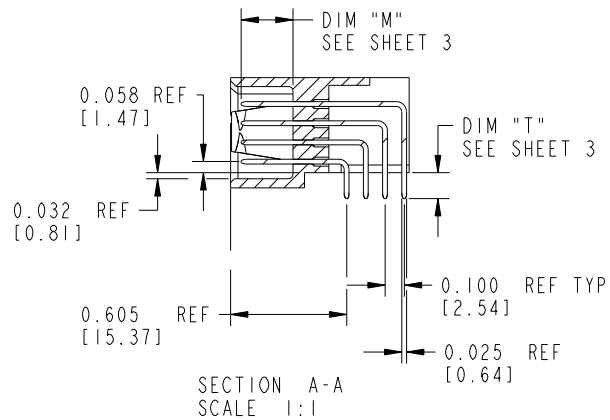
mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER			
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection	INCH/MM	scale	1:1	product family	PWRBLADE	code	213	sheet	1 of 5
K	DG05-0064	SW	3/30/05	linear	.XXX±.005/.X±.13	INCH/MM	1:1	scale	1:1	product family	PWRBLADE	code	213	sheet	1 of 5
L	DG05-0435	SW	11/03/05	linear	.XXX±.0020/.XXX±.051	INCH/MM	1:1	scale	1:1	product family	PWRBLADE	code	213	sheet	1 of 5
M	DG08-0237	W D	09/01/08	angles	0°±2°	INCH/MM	1:1	scale	1:1	product family	PWRBLADE	code	213	sheet	1 of 5
N	DG08-0272	W D	09/25/08	dr	C. BAROT 01-12-99	INCH/MM	1:1	scale	1:1	product family	PWRBLADE	code	213	sheet	1 of 5
				enrg	J. BROWN 01-12-99	INCH/MM	1:1	scale	1:1	product family	PWRBLADE	code	213	sheet	1 of 5
				chr	J. BROWN 01-12-99	INCH/MM	1:1	scale	1:1	product family	PWRBLADE	code	213	sheet	1 of 5
				appd	J. BROWN 01-12-99	INCH/MM	1:1	scale	1:1	product family	PWRBLADE	code	213	sheet	1 of 5
sheet index	revision sheet	N	N	1	2	3	4	5							

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PRODUCT NUMBER
51415-00X__



mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date	linear		.XX±.01/0.X±0.3		COPY		www.fciconnect.com			
N						.XXX±.005/0.XX±0.13		projection		title			
						.XXX±.0005/0.XXX±.051		0°±2°		IP + 24S + IP			
				angles		0°±2°		INCH/MM		Right Angle Solder Header			
				dr	C. BAROT	01-12-99		scale		product family		code	
				enrg	J. BROWN	01-12-99		1:1		PWRBLADE		213	
				chr	J. BROWN	01-12-99		A		size		sheet	
				appd	J. BROWN	01-12-99		51415		dwg no		2 of 5	
sheet index	revision sheet												

Pro/E

PDM: Rev: N

STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
51415-00X__

ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH ±.020		CONTACT TYPE
PA	2	N/A	[N/A]	0.135	[3.43]	POWER
F	1	0.220	[5.59]	0.135	[3.43]	SIGNAL
R	6	0.270	[6.86]	0.135	[3.43]	SIGNAL
S	5	0.270	[6.86]	0.135	[3.43]	SIGNAL
T	6	0.270	[6.86]	0.135	[3.43]	SIGNAL
U	6	0.270	[6.86]	0.135	[3.43]	SIGNAL

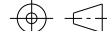
ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH ±.020		CONTACT TYPE
PS	2	N/A	[N/A]	0.135	[3.43]	POWER
E	6	0.220	[5.59]	0.135	[3.43]	SIGNAL
F	5	0.220	[5.59]	0.135	[3.43]	SIGNAL
G	6	0.220	[5.59]	0.135	[3.43]	SIGNAL
H	6	0.220	[5.59]	0.135	[3.43]	SIGNAL
S	1	0.270	[6.86]	0.135	[3.43]	SIGNAL

ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH ±.020		CONTACT TYPE
PS	2	N/A	[N/A]	0.135	[3.43]	POWER
F	1	0.220	[5.59]	0.135	[3.43]	SIGNAL
R	6	0.270	[6.86]	0.135	[3.43]	SIGNAL
S	5	0.270	[6.86]	0.135	[3.43]	SIGNAL
T	6	0.270	[6.86]	0.135	[3.43]	SIGNAL
U	6	0.270	[6.86]	0.135	[3.43]	SIGNAL

PRODUCT No.	ROWS	POWER		SIGNAL						POWER	
		E1	P1	1	2	3	4	5	6	P2	E2
51415-001-- NOTE ③	D C B A			UUUUUU	TTTTTT	SSSSSS	FFFF	SSSSSS	RRRRRR		

PRODUCT No.	ROWS	POWER		SIGNAL						POWER	
		E1	P1	1	2	3	4	5	6	P2	E2
51415-002-- NOTE ③	D C B A			HHHHHH	GGGGGG	FFFF	SSSS	FFFF	EEEEEE		

PRODUCT No.	ROWS	POWER		SIGNAL						POWER	
		E1	P1	1	2	3	4	5	6	P2	E2
51415-003-- NOTE ③	D C B A			UUUUUU	TTTTTT	SSSSSS	FFFF	SSSSSS	RRRRRR		

mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY		 title IP + 24S + IP Right Angle Solder Header						
N					.XXX±.005/0.XX±0.13				projection								
					.XXX±.0005/0.XXX±.051				angles								
				angles	0°±2°						product family		PWRBLADE		code		
				dr	C. BAROT		01-12-99		INCH/MM		size		dwg no		213		
				enrg	J. BROWN		01-12-99		scale		A		51415		sheet		
				chr	J. BROWN		01-12-99		1:1						3 of 5		
				appd	J. BROWN		01-12-99										
sheet index		revision sheet															



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title IP + 24S + 1P
Right Angle Solder Header

product family PWRBLADE code 213
size dwg no 51415 sheet 3 of 5

cage code 22526

1 | 2

3 |

4

A

A

B

B

1 | 2

Pro/E

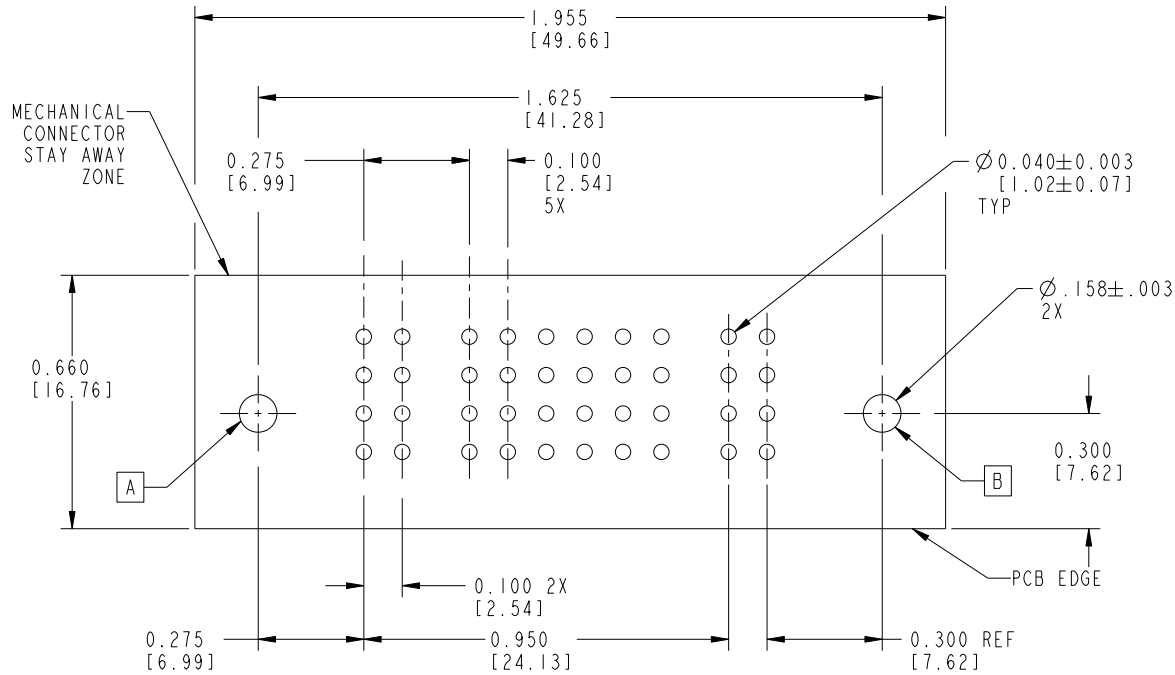
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Printed: Dec 20, 2010



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51415-00X__



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear		.XX±.01/0.X±0.3		COPY		www.fciconnect.com	
N						.XXX±.005/0.XX±0.13		projection		title	
						.XXX±.0005/0.XXX±.051				IP + 24S + IP	
				angles		0°±2°		INCH/MM		Right Angle Solder Header	
				dr	C. BAROT	01-12-99		scale		product family	
				enrg	J. BROWN	01-12-99		1:1		PWRBLADE	
				chr	J. BROWN	01-12-99				size	
				appd	J. BROWN	01-12-99				dwg no	
sheet index		revision sheet								code	
										213	
										sheet	
										4 of 5	

cage code 28526

STATUS: Released Printed: Dec 20, 2010

Pro/E

PDM: Rev:N



1 | 2

3 |

4

PRODUCT NUMBER
51415-00X__

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

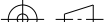
3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51415-00X AND 51415-00XLF RESPECTIVELY.

4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

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

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
8. $\varnothing .0453 \pm 0.0010$ [1.151 ± 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. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com						
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY				title IP + 24S + IP Right Angle Solder Header									
N					.XXX±.005/0.XX±0.13				projection													
					.XXX±.0005/0.XXX±.051																	
				angles	0°±2°								product family				PWRBLADE				code	
				dr	C. BAROT		01-12-99		INCH/MM				size		dwg no		213		sheet			
				enrg	J. BROWN		01-12-99		scale				A		51415		5 of 5					
				chr	J. BROWN		01-12-99															
				appd	J. BROWN		01-12-99															
sheet index		revision sheet																				

1 | 2

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