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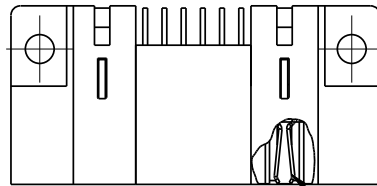
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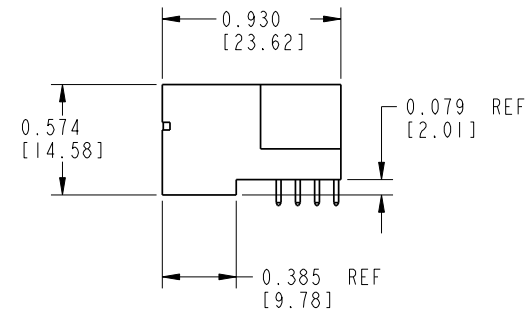
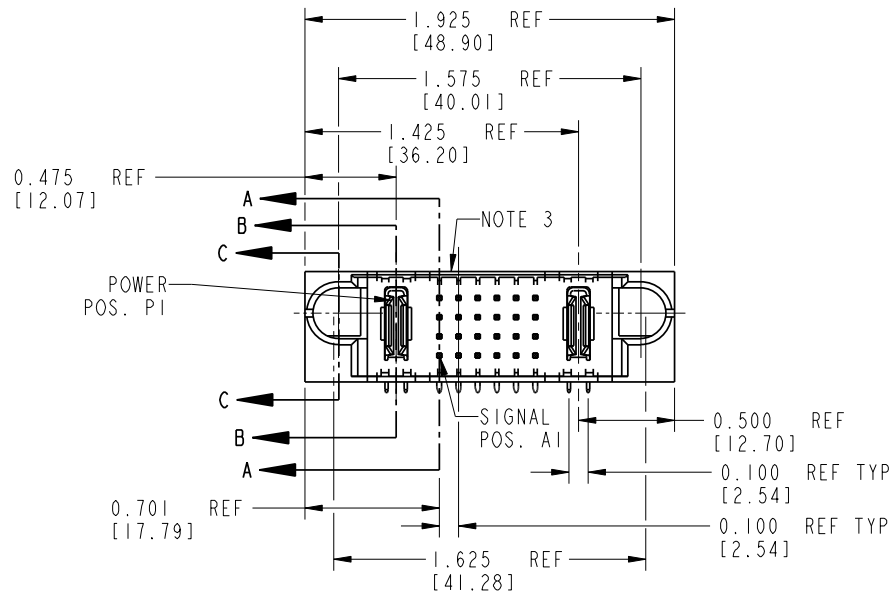
A

B

PRODUCT No.	ROWS	POWER		SIGNAL						POWER	
		E1	P1	1	2	3	4	5	6	P2	E2
51882-001-- NOTE: ②	D C B A		PA	UUUUUU	TTTTTT	SSSSSS	RRRRRR	SSSSSS	TTTTTT	PA	



NOTE 10
TYP



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CODE	DIM "M" ±0.010 [0.25]	CONTACT TYPE
F	0.220 [5.59]	SIGNAL
R	0.270 [6.86]	SIGNAL
S	0.270 [6.86]	SIGNAL
T	0.270 [6.86]	SIGNAL
U	0.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY	
ltr	ecn no.	dr	date						
A	V10871	JWS	02-08-01	linear		.XX±.01/0.X±0.3		projection	
B	V11848	LSS	07/10/01			.XXX±.005/0.XX±0.13			
C	V12290	JWS	10/05/01	angles		.XXXX±.0020/0.XXX±0.051			
D	V03-0571	TAB	05/28/03	dr	J. SHAFFER	02-08-01		MM	
E	DG05-0212	SJ	07/07/05	enrg	J. DODDS	02-08-01		scale	1:1
F	DG06-0005	JMG	01/05/06	chr	J. DODDS	02-08-01			
				appd	J. DODDS	02-08-01			
sheet index	revision sheet	F	F	F	F				
		1	2	3	4				

CUSTOMER COPY				A FCI www.fciconnect.com	
projection				title	IP + 24S + IP RIGHT ANGLE SOLDER HEADER
MM				product family	PwrBlade
scale	1:1			size	dwg no
				A	51882
					code
					213
					sheet
					1 of 4

A

B

1 | 2

Pro/E

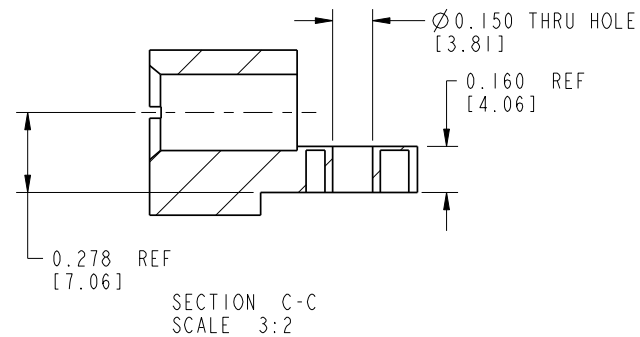
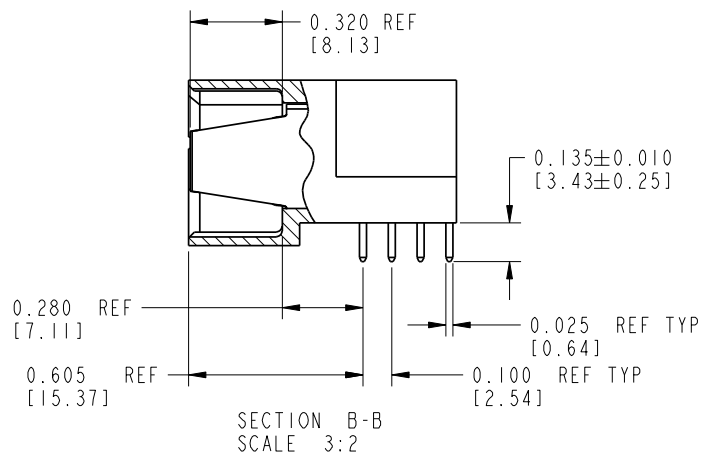
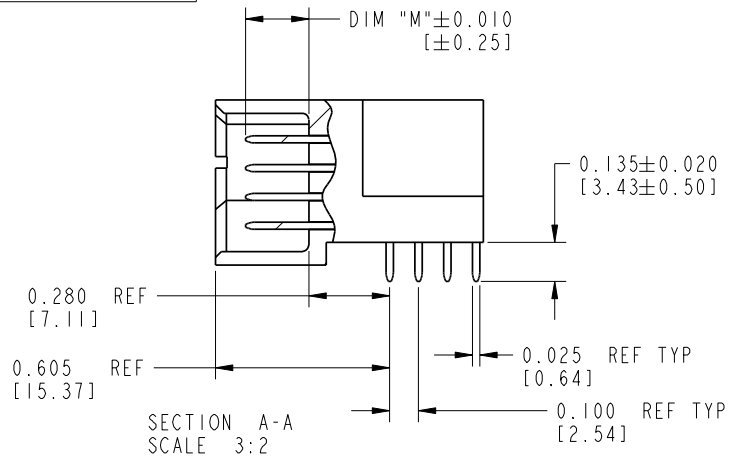
PDM: Rev: F

STAT: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER
51882-001--
NOTE: (2)



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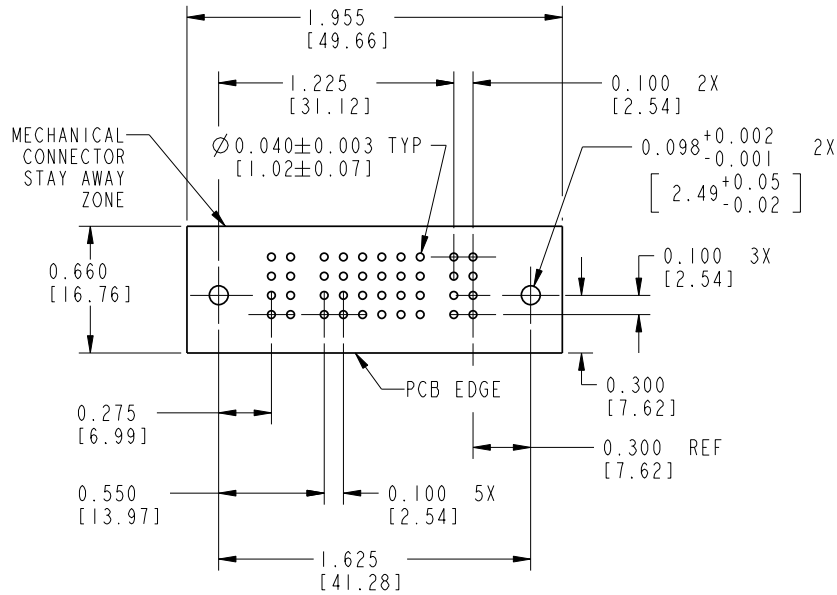
mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com	
lir	ecn no.	dr	date	linear		.XX ± .01 / 0.X ± 0.3		projection	MM	scale	1:1	title	
F						.XXX ± .005 / 0.XX ± 0.13						IP + 24S + IP	
						.XXX ± .0020 / 0.XXX ± 0.051						RIGHT ANGLE SOLDER HEADER	
				angles		0° ± 2°						product family	
				dr	J. SHAFFER	02-08-01						PwrBlade	
				enrg	J. DODDS	02-08-01						code	
				chr	J. DODDS	02-08-01						size	
				appd	J. DODDS	02-08-01						dwg no	
												A	
												51882	
												213	
												sheet	
												2 of 4	
sheet index	revision sheet												

code code 22506

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PRODUCT NUMBER

51882-001--
NOTE: (2)



RECOMMENDED PCB LAYOUT

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mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI			
lir	ecn no.	dr	date	linear	projection	linear	projection	linear	projection	linear	projection	linear	projection
F						.XX±.01/0.X±0.3							
						.XXX±.005/0.XX±0.13							
						.XXXX±.0020/0.XXX±0.051							
				angles		0°±2°							
				dr		J. SHAFFER 02-08-01							
				enr		J. DODDS 02-08-01							
				chr		J. DODDS 02-08-01							
				appd		J. DODDS 02-08-01							
sheet index	revision sheet												

FCI

A

B

1 | 2

3 |

4

A

B

PRODUCT NUMBER

51882-001--
NOTE: ②

CONNECTOR NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL CONTACT MATERIAL: COPPER ALLOY
- 51882-001;51882-001LF;51882-001GLF PLATING SPEC. SEE PRINT:10064183
- "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
- PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- Ø0.158[4.01] THROUGH HOLES ARE UNPLATED.
- Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A Ø0.040±0.003 [1.02±0.07] HOLE.
- CONNECTOR CONTAINS REVISED POWER CONTACTS.

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mat'l code				SEE NOTES			tolerances unless otherwise specified			CUSTOMER		A FCI www.fciconnect.com			
lfr	ecn no.	dr	date							COPY					
F				linear			.XX±.01/0.X±0.3			projection		title IP + 24S + IP			
							.XXX±.005/0.XX±0.13					RIGHT ANGLE SOLDER HEADER			
				angles			.XXX±.0020/0.XXX±0.051					product family PwrBlade			
							0°±2°					code 213			
				dr	J. SHAFFER	02-08-01				INCH/MM		size			
				enrg	J. DODDS	02-08-01						dwg no			
				chr	J. DODDS	02-08-01				scale		A			
				appd	J. DODDS	02-08-01				1:1		51882			
sheet index		revision sheet													

1 | 2

Pro/E

PDM: Rev: F

STATUS: Released

Printed: Dec 20, 2010

Mouser Electronics

Authorized Distributor

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FCI:

[51882-001LF](#) [51882-001](#)