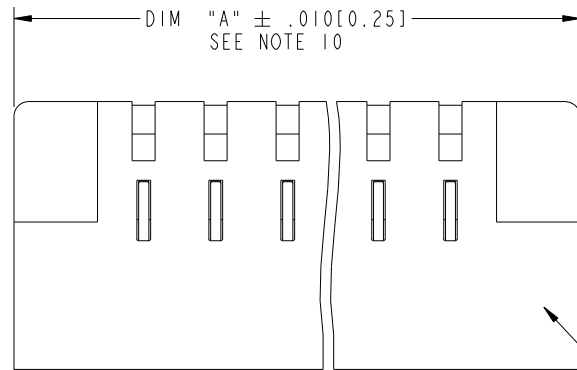




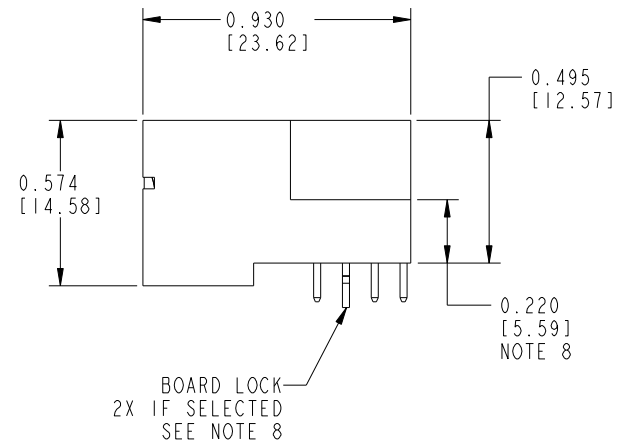
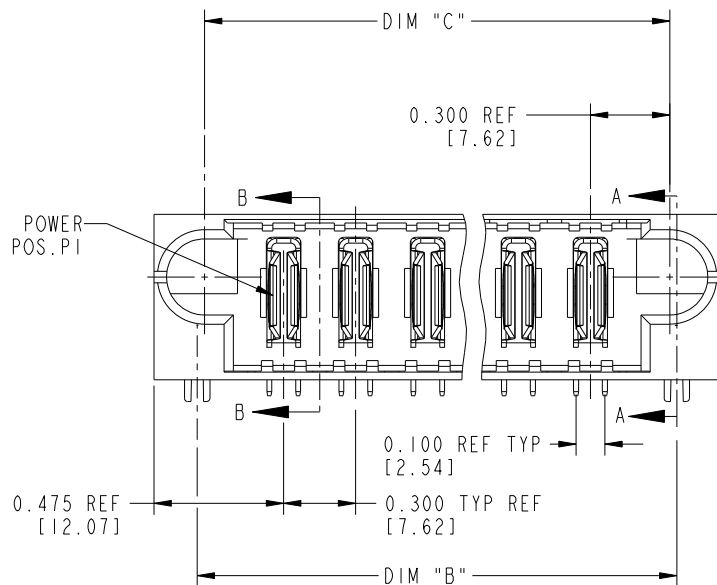
A

B

PRODUCT NUMBER
51812-ABB00000EF_
Note: ①



SEE NOTE 9



A

B

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	projection	linear	projection	COPY	projection	title	www.fciconnect.com
A	V02363	EKK	09-28-00	.XX±.01/0.X±0.3		.XX±.005/0.XX±0.13				R/A HEADER w/GUIDE PIN	
B	V20774	DAI	5/14/02	.XXX±.0020/0.XXX±.051		.XXX±.0020/0.XXX±.051				.300 [7.62] POWER SPACING	
C	DG05-0125	GuoJM	05/30/05	angles	0°±2°						
D	DG07-0047	RYAN	02/01/07	dr	E. KORFF	09-28-00				product family	PWRBLADE
E	DG08-0239	JC	09/11/08	enrg	J. BROWN	09-28-00				size	dwg no
F	DG08-0272	WD	09/28/08	chr	J. BROWN	09-28-00				A	51812
				appd	J. BROWN	09-28-00				code	213
										sheet	1 of 3
sheet index	revision sheet	F	F	F							
		1	2	3							

Pro/E

PDM: Rev:F

STATUS: Released

Printed: Dec 20, 2010



1 | 2

3 |

4

PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51812-ABB00000EF_- Note: ①	DIM "A"	.300 [7.62] x BB + .650 [16.51] (NOTE 10)
	DIM "B"	.300 [7.62] x BB + .350 [8.89]
	DIM "C"	.300 [7.62] x BB + .300 [7.62]
	DIM "F"	.300 [7.62] x BB + .680 [17.27]

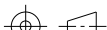
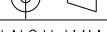
CONNECTOR NOTES

- PRODUCT NUMBER CODE:
51812 - A BB 000 00 E F LF
NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE
RETENTION TO PCB (NOTE 8)
TAIL OPTIONS (NOTE 7)
NUMBER OF RIGHT END POWER CONTACTS (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
NUMBER OF LEFT END POWER CONTACTS (NOTE 4)
PLATING (NOTE 3)
BASE NUMBER
- HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY
- PLATING OPTION:
I = SEE PRINT 10064183 FOR PLATING SPEC OF 51723-1BB00000EF; 51723-1BB00000EFLF
- LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE.
- THIS PART NOT AVAILABLE WITH SINGAL CONTACTS.
- THIS PART NOT AVAILABLE WITH RIGHT END POWER CONTACTS.
- TAIL OPTIONS:
A = .135 [3.43] SOLDER TO BOARD

- RETENTION TO PCB OPTIONS:
A = BOARD LOCK (REQUIRES .098 + .002, -.001
[2.49 +0.05, -0.03] THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS: .220[5.59]
B = .150 [3.81] THRU HOLE (REQUIRES .158±.003
[4.01±08] THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS: .160[4.06]
- MANUFACTURE'S NAME, P/N, AND DATE CODE
TO APPEAR ON THIS SURFACE.
- THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART
IS 8.00 [203.2]
- PRODUCT SPECIFICATION GS-12-149
- REFERENCE 51697 FOR SPECIALS WORKSHEET.)

PCB NOTES:

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A
TRUE POSITION OF .004[0.10]
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- Ø0.0453 ±.001 [1.151 ±0.02] DRILLED HOLES PLATED WITH
0.0003 [0.007] MIN SnPb OR Sn OVER 0.001 [1.03] TO .003
[0.08] PLATING TO ACHIEVE A .040±.003 [1.02±08] HOLE.
- A△SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX+.01/0.X+.0.3		COPY		title R/A HEADER w/GUIDE PIN .300[7.62] POWER SPACING
F					.XXX+.005/0.XX+.0.13		projection		
					.XXX+.0020/0.XXX+.051				
				angles	0°±2°				product family PWRBLADE code 213 sheet 2
				dr	E. KORFF	09-28-00	INCH/MM		
				enrg	J. BROWN	09-28-00	scale		
				chr	J. BROWN	09-28-00	3:2		
				appd	J. BROWN	09-28-00	A		
sheet index	revision sheet								

1 | 2

Pro/E

PDM: Rev: F

STATUS: Released

Printed: Dec 20, 2010

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

[51812-10800000ABLF](#)