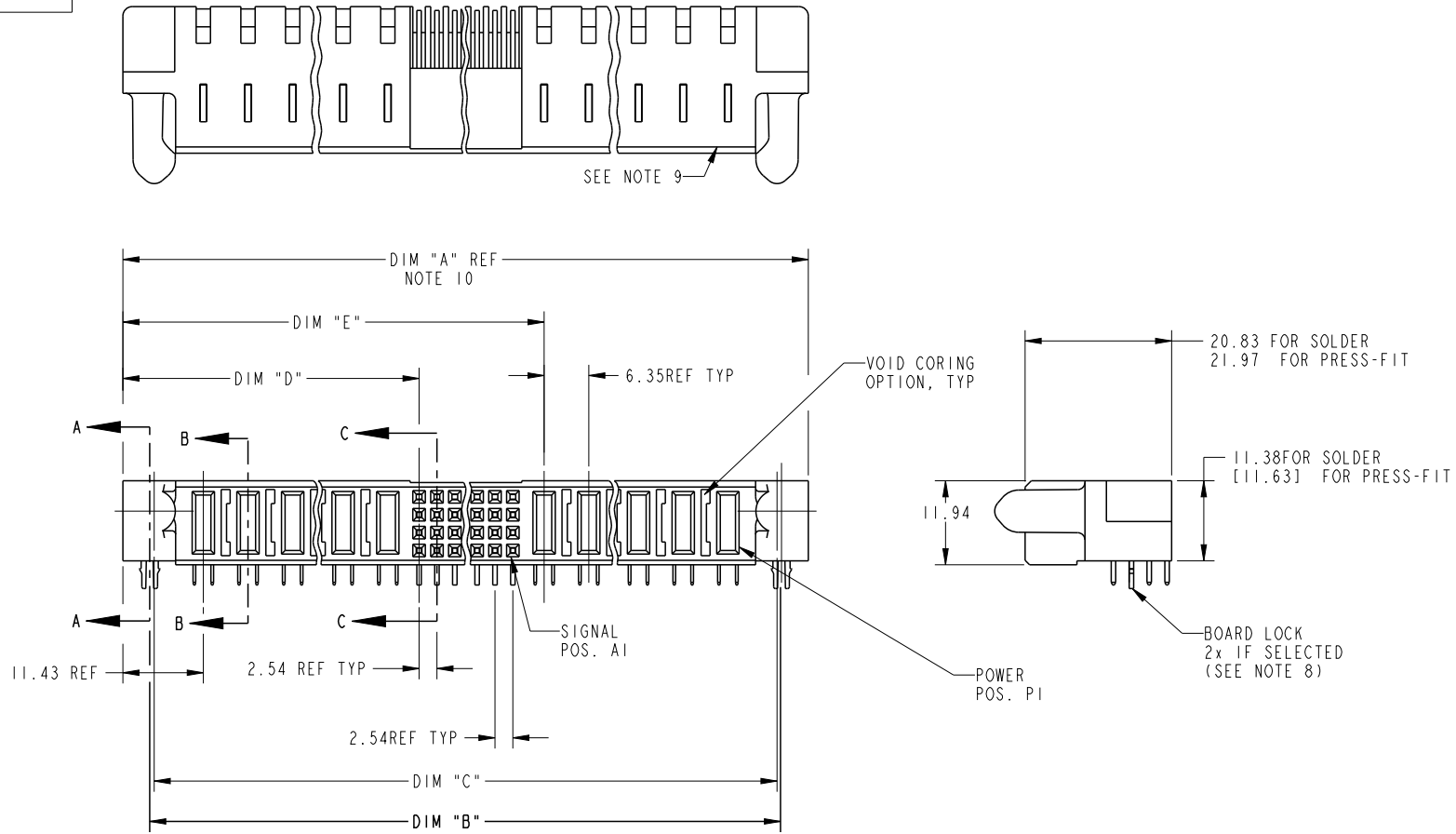


PRODUCT NUMBER
51760-ABBCCDDEF_ _ _ NOTE: ③
SEE NOTE 1



spec ref		*		dr		Julia Wang	2008/09/29	projection	MM	size	A4	scale	1:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Vicking Liu	2017/03/07			ecn no				ELX-DG-26294-1			
				chr		Fancy Zhang	2017/03/07										
				appr		Pei-Ming Zheng	2017/03/08			product family		PwrBlade	rel level		Released		
surface		linear	0.X	±0.3	Amphenol FCi	title				RA REC w/GUIDE PIN		dwg no		51760	rev	N	
ISO 406	0.XX		±0.13	POWER / SIGNAL / POWER													
	ISO 1101		0.XXX														±0.051
ISO 1302		angular	0°	±2°			cat. no.		-	Product - Customer Drw				sheet 1 of 3			

PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51760-ABBCCDDEF_--- NOTE: ③	DIM "A"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .650 [16.51] (NOTE 10)
SEE NOTE 1	DIM "B"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .350 [8.89]
	DIM "C"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .300 [7.62]
	DIM "D"	.250 [6.35] x DD + .375 [9.53]
	DIM "E"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .450 [11.43]
	DIM "F"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .680 [17.27]
	DIM "G"	.250 [6.35] x DD + .225 [5.72]
	DIM "H"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35]

CONNECTOR NOTES

- ① PRODUCT NUMBER CODE:
51760 - A BB CCC DD E F LF
- NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn OR 5u" Au ON PCB INTERFACE
RETENTION TO PCB (NOTE 8)
TAIL OPTIONS (NOTE 7)
NUMBER OF LEFT END POWER CONTACTS (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
NUMBER OF RIGHT POWER CONTACTS (NOTE 4)
PLATING (NOTE 3)
BASE NUMBER

- ② HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY
- ③ PLATING OPTION:
1: SEE IN PRINT 10064183 FOR PLATING SPEC OF 51760-ABBCCDDEF; 51760-ABBCCDDEFLF
- ④ RIGHT END POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR
- ⑤ SIGNAL CONTACTS, 004 TO 148 AVAILABLE FOR SOLDER TO BOARD.
020 TO 148 AVAILABLE FOR PRESS-FIT TO BOARD.
- ⑥ LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR
- ⑦ TAIL OPTIONS:
A = .135 ±.010 [3.43 ±.25] SOLDER TO BOARD
B = .090 +.005 / -.010 [2.29 +0.13 / -.25]
SOLDER TO BOARD
C = .154 ±.010 [3.91 ±.25] PRESS-FIT TO BOARD
- ⑧ RETENTION TO PCB OPTIONS:
A = BOARD LOCK (REQUIRES .098 +.002/-.001
[2.49 +0.05/-0.03] THRU HOLE IN PCB
MOUNTING FOOT HEIGHT:
.220 [5.59]
NOT AVAILABLE FOR PRESS-FIT

B = .150 [3.81] THRU HOLE (REQUIRES .158 ±0.003
[4.01 ±0.08] THRU HOLE IN PCB).
MOUNTING FOOT HEIGHT
.160 [4.06]

- ⑨ **ALWAYS AVAILABLE FOR PRESS-FIT**
MANUFACTURE'S NAME, P/N, AND DATE CODE
TO APPEAR ON THIS SURFACE.
- ⑩ THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART
IS 8.00 [203.2]
11. PRODUCT SPECIFICATION GS-12-149
12. APPLICATION SPECIFICATION BUS-20-067.
13. FOR PRESS-FIT CONNECTORS USE FCI CAM TOOL 430140-XXX
TO APPLY CONNECTOR TO PCB.

PCB NOTES:

14. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
15. ALL THROUGH HOLES ARE LOCATED WITH A
TRUE POSITION OF .004 [0.10]
16. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- ⑪ $\varnothing 0.0453 \pm .001$ [1.151 ±0.02] DRILLED HOLES PLATED WITH
0.0003 [0.007] MIN SnPb OVER 0.001 [1.03] TO .003 [0.08]
PLATING TO ACHIEVE A .040 ±.003 [1.02 ±0.08] HOLE.
18. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES
AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT
FOR OPTIMIZING THE MOLDING PROCESS. THE VOID CORING WILL NOT
EFFECT TO PRODUCT FUNCTION.
19. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

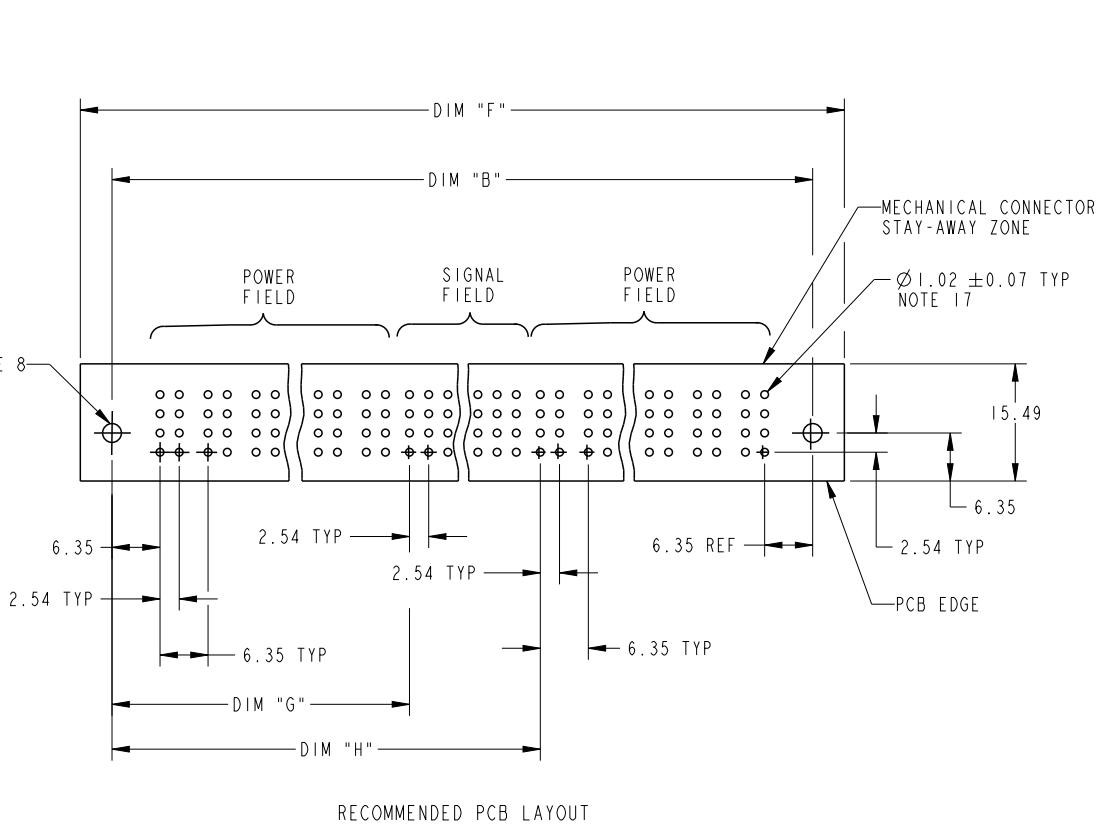
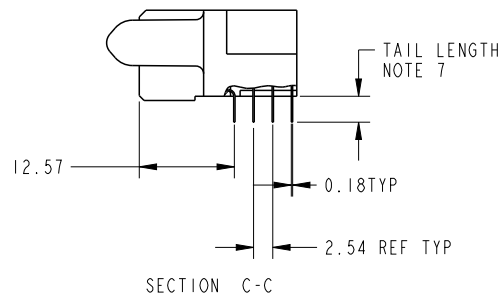
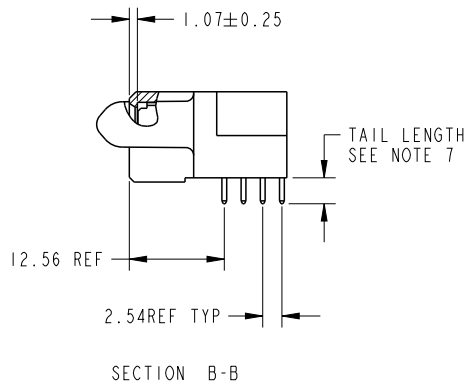
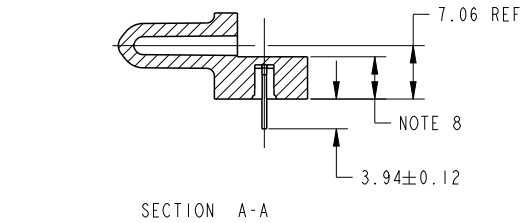
surface	linear	0.X	±0.3
		0.XX	±0.13
		0.XXX	±0.051
ISO 1302	angular	0°	±2°

dr	Julia Wang	2008/09/29
eng	Vicking Liu	2017/03/07
chr	Fancy Zhang	2017/03/07
appr	Pei-Ming Zheng	2017/03/08

projection	MM	size	A4	scale	1:2
		ecn no	ELX-DG-26294-1		
product family	PwrBlade	rel level	Released		

Amphenol FCI	title	RA REC w/GUIDE PIN		dwg no	51760		rev	N
		POWER / SIGNAL / POWER						
	cat. no.	-	Product - Customer Drw		sheet 2 of 3			

PRODUCT NUMBER
51760-ABBCCDEF_... NOTE: ③
SEE NOTE 1



dr	Julia Wang	2008/09/29		MM	size	A4	scale	1:1
eng	Vicking Liu	2017/03/07			ecn no	ELX-DG-26294-1		
chr	Fancy Zhang	2017/03/07			rel level	Released		
appr	Pei-Ming Zheng	2017/03/08			product family	PwrBlade		
surface			Amphenol FCi	title	RA REC w/GUIDE PIN POWER / SIGNAL / POWER			rev
linear	0.X	±0.3						
	0.XX	±0.13						
angular	0.XXX	±0.051						
	0°	±2°						
ISO 1302			cat. no.	-	Product - Customer Drw			sheet 3 of 3

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

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9