

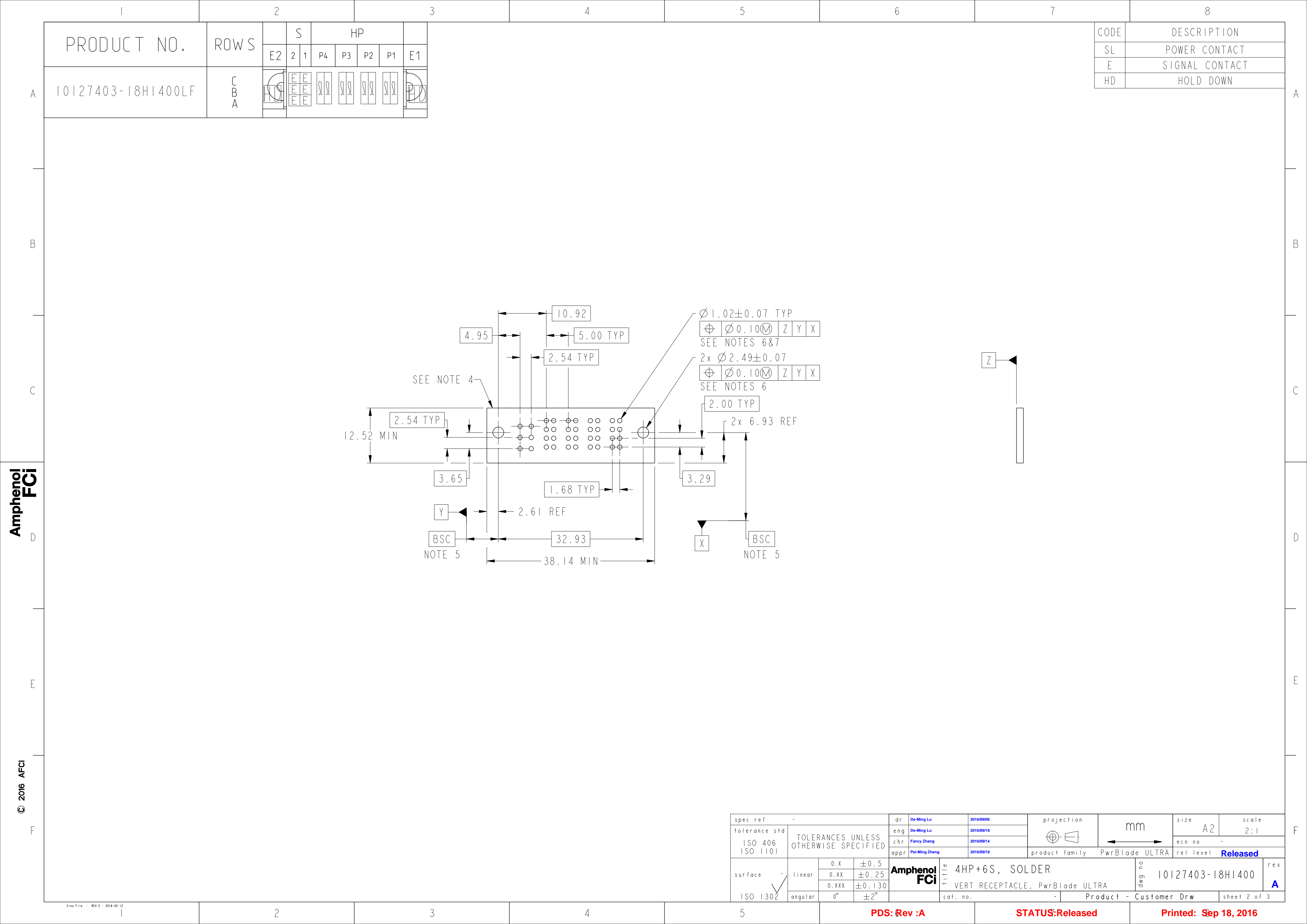


Amphenol
FCi

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spec ref -				dr De-Ming Lu 2016/09/06		<div>projection</div> 	<div>mm</div> 	size A2	scale 2:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng De-Ming Lu 2016/09/18				ecn no -	
ISO 406				chr Fancy Zhang 2016/09/14				rel level Released	
ISO 1101				appr Pei-Ming Zheng 2016/09/18				product family PwrBlade ULTRA	
surface		<div>linear</div> <div>ISO 1302</div>	<div>0.X</div> <div>±0.5</div> <div>0.XX</div> <div>±0.25</div> <div>0.XXX</div> <div>±0.130</div> <div>angular</div> <div>0°</div> <div>±2°</div>	<div>Amphenol</div> <div>FCi</div>	<div>title</div> <div>4HP+6S, SOLDER</div> <div>VERT RECEPTACLE, PwrBlade ULTRA</div>			<div>dwg no</div> <div>10127403-18HI400</div>	<div>rev</div> <div>A</div>
cat. no. -				Product - Customer Drw				sheet 1 of 3	



1

2

3

4

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8

PRODUCT NUMBER

10127403-18HI400LF

A

NOTES:

1.

PRODUCT MARK:
PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE.
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.

2.

MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.
POWER CONTACTS: HIGH CONDUCTIVITY COPPER ALLOY.
SIGNAL CONTACTS: COPPER ALLOY.
HOLD DOWN: COPPER ALLOY.

3.

PLATING SPECIFICATION: AFCI 10135186.

4.

DENOTES CONNECTOR KEEP OUT ZONE.

5.

DATUM AND BASIC DIMENSION ARE ESTABLISHED BY CUSTOMER.

6.

ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.

7.

1.150±0.025mm DRILLED HOLE PLATED WITH 7.62µm MIN Sn OVER
25.4µm-76.2µm Cu PLATING TO ACHIEVE A 1.02±0.07mm FINISHED HOLE.

8.

THE HOUSING WILL WITHSTAND EXPOSURE TO 265°C PEAK TEMPERATURE FOR 10 SECONDS
IN A WAVE SOLDER APPLICATION.

9.

THE VOID CORING BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE
OPTIONAL AND THE SHAPE MAY BE DIFFERENT TO OPTIMIZE THE MOLDING
PROCESS. THE VOID CORING WILL NOT EFFECT THE PRODUCT FUNCTION.

10.

THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN AFCI GS-47-0004.

11.

PRODUCT SPECIFICATION: AFCI GS-12-1176.
APPLICATION SPECIFICATION: AFCI GS-20-0389.
PRODUCT PACKAGE SPECIFICATION: AFCI GS-14-2354.

Amphenol
FCi

D

E

F

spec ref

-

dr

De-Ming Lu

2016/09/06

eng

De-Ming Lu

2016/09/18

chr

Fancy Zhang

2016/09/14

appr

Pei-Ming Zheng

2016/09/18

projection

mm

size

A2

scale

2:1

ecn no

-

product family

PwrBlade ULTRA

rel level

Released

tolerance std

ISO 406
ISO 1101

TOLERANCES UNLESS
OTHERWISE SPECIFIED

surface

ISO 1302

linear

0.X
0.XX
0.XXX

±0.5
±0.25
±0.130

angular

0°
±2°

Amphenol
FCi

4HP+6S, SOLDER
VERT RECEPTACLE, PwrBlade ULTRA

cat. no.

-

Product - Customer Drw

sheet 3 of 3

size

A2

scale

2:1

ecn no

-

product family

PwrBlade ULTRA

rel level

Released

dwg no

10127403-18HI400

rev

A

1

2

3

4

5

PDS: Rev :A

STATUS:Released

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