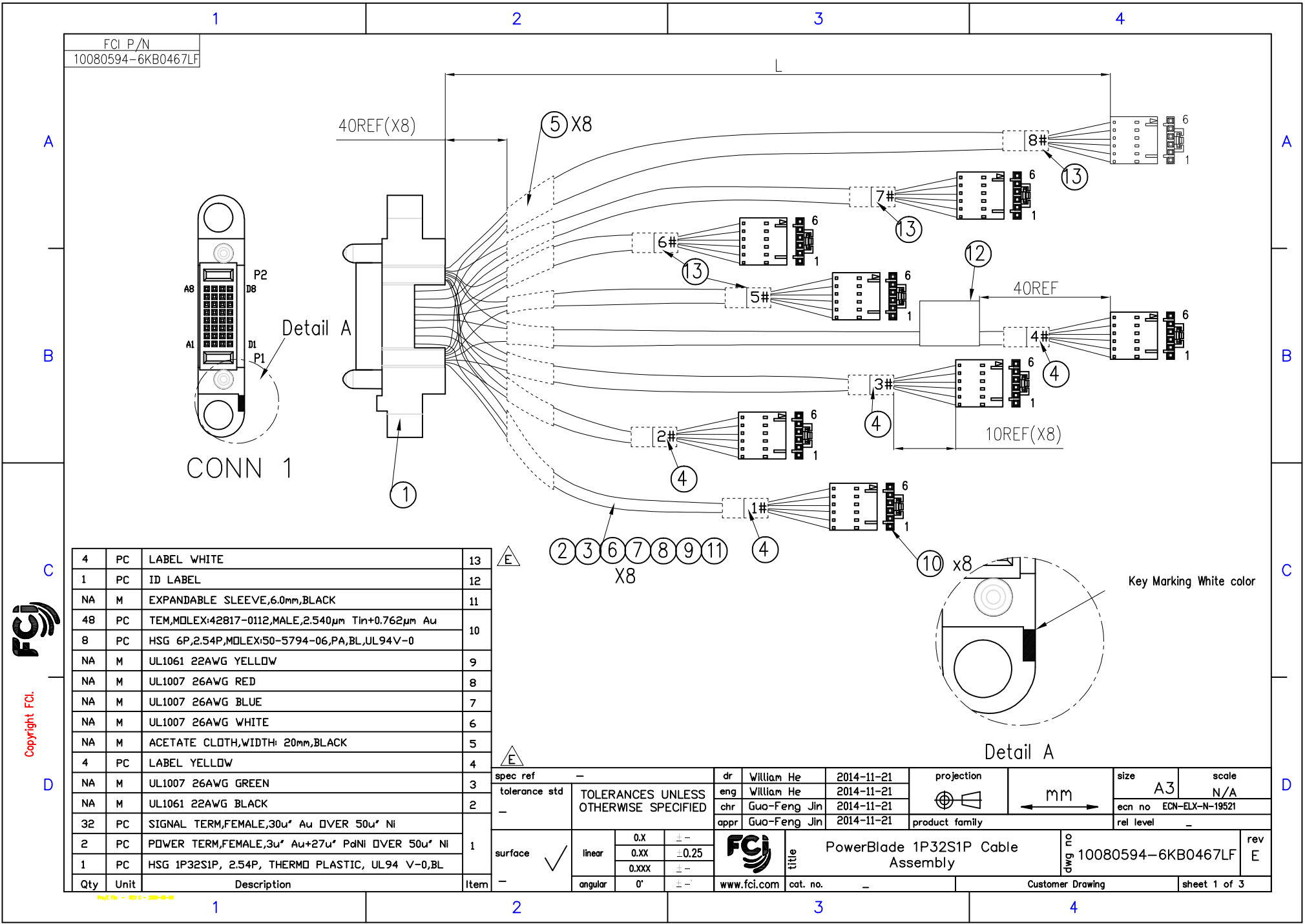




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4	PC	LABEL WHITE	13
1	PC	ID LABEL	12
NA	M	EXPANDABLE SLEEVE,6.0mm,BLACK	11
48	PC	TEM,MOLEX:42817-0112,MALE,2.540mm Tin+0.762um Au	10
8	PC	HSG 6P,2.54P,MOLEX:50-5794-06,PA,BL,UL94V-0	9
NA	M	UL1061 22AWG YELLOW	8
NA	M	UL1007 26AWG RED	7
NA	M	UL1007 26AWG BLUE	6
NA	M	UL1007 26AWG WHITE	5
NA	M	ACETATE CLOTH,WIDTH: 20mm,BLACK	4
4	PC	LABEL YELLOW	3
NA	M	UL1007 26AWG GREEN	2
NA	M	UL1061 22AWG BLACK	1
32	PC	SIGNAL TERM,FEMALE,30u" Au OVER 50u" Ni	1
2	PC	POWER TERM,FEMALE,3u" Au+27u" PdNi OVER 50u" Ni	1
1	PC	HSG 1P32S1P, 2.54P, THERMO PLASTIC, UL94 V-0,BL	1
Qty	Unit	Description	Item

Detail A																
spec ref			-		dr	William He	2014-11-21	projection		size	A3	scale	N/A			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	William He	2014-11-21			ecn no				ECN-ELX-N-19521		
-					chr	Guo-Feng Jin	2014-11-21			rel level				-		
					appr	Guo-Feng Jin	2014-11-21	product family								
surface		✓	linear	0.X	±		title	PowerBlade 1P32S1P Cable Assembly			dwg no	10080594-6KB0467LF		rev	E	
				0.XX	±0.25											
				0.XXX	±											
-			angular	0°	±	www.fci.com	cat. no.	-				Customer Drawing			sheet 1 of 3	

1

2

3

4

A

B

C

D

CONN1	WIRE DESCRIPTION	6P HOUSING	LABEL	LENGTH(L)
P1	UL1061 22awg YELLOW	6	1#	140±10
A1	UL1007 26AWG GREEN	2		
B1	UL1007 26AWG RED	3		
C1	UL1007 26AWG WHITE	4		
D1	UL1007 26AWG BLUE	5		
P2	UL1061 22awg BLACK	1	2#	90±6
P1	UL1061 22awg YELLOW	6		
A2	UL1007 26AWG GREEN	2		
B2	UL1007 26AWG RED	3		
C2	UL1007 26AWG WHITE	4		
D2	UL1007 26AWG BLUE	5	3#	170±10
P2	UL1061 22awg BLACK	1		
P1	UL1061 22awg YELLOW	6		
A3	UL1007 26AWG GREEN	2		
B3	UL1007 26AWG RED	3		
C3	UL1007 26AWG WHITE	4	4#	270±10
D3	UL1007 26AWG BLUE	5		
P2	UL1061 22awg BLACK	1		
P1	UL1061 22awg YELLOW	6		
A4	UL1007 26AWG GREEN	2		
B4	UL1007 26AWG RED	3	5#	140±10
C4	UL1007 26AWG WHITE	4		
D4	UL1007 26AWG BLUE	5		
P2	UL1061 22awg BLACK	1		
P1	UL1061 22awg YELLOW	6		
A5	UL1007 26AWG GREEN	2	6#	90±6
B5	UL1007 26AWG RED	3		
C5	UL1007 26AWG WHITE	4		
D5	UL1007 26AWG BLUE	5		
P2	UL1061 22awg BLACK	1		
P1	UL1061 22awg YELLOW	6	7#	170±10
A6	UL1007 26AWG GREEN	2		
B6	UL1007 26AWG RED	3		
C6	UL1007 26AWG WHITE	4		
D6	UL1007 26AWG BLUE	5		
P2	UL1061 22awg BLACK	1	8#	270±10
P1	UL1061 22awg YELLOW	6		
A7	UL1007 26AWG GREEN	2		
B7	UL1007 26AWG RED	3		
C7	UL1007 26AWG WHITE	4		
D7	UL1007 26AWG BLUE	5	9#	140±10
P2	UL1061 22awg BLACK	1		
P1	UL1061 22awg YELLOW	6		
A8	UL1007 26AWG GREEN	2		
B8	UL1007 26AWG RED	3		
C8	UL1007 26AWG WHITE	4	10#	90±6
D8	UL1007 26AWG BLUE	5		
P2	UL1061 22awg BLACK	1		
P1	UL1061 22awg YELLOW	6		
A9	UL1007 26AWG GREEN	2		

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FCI

spec ref

tolerance std

surface

linear

angular

0.X

0.XX

0.XXX

0°

± -

± 0.25

± -

± -

TOLERANCES UNLESS OTHERWISE SPECIFIED

dr

eng

chr

appr

William He

William He

Guo-Feng Jin

Guo-Feng Jin

2014-11-21

2014-11-21

2014-11-21

2014-11-21

projection

mm

mm

product family

size

scale

ecn no

rel level

A3

N/A

ECN-ELX-N-19521

-

FCI

www.fci.com

title

cat. no.

PowerBlade 1P32S1P Cable Assembly

-

dwg no

rev

10080594-6KB0467LF

E

Customer Drawing

sheet 2 of 3

1

2

3

4

PDS: Rev :E

STATUS:Released

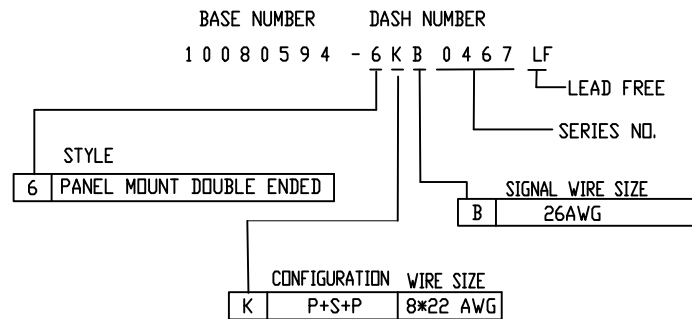
Printed: Nov 21, 2014

NOTES:

① CONN 1 MATES WITH HEADER 51700-10103201AALF.

② UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE =
 < 1 METER: $\pm 15.0\text{mm}$
 > 1 METER TO 10 METER: $\pm 2\%$ OF L1
 > 10 METER: $+0.00\%$ / -4% OF L1

3. PART NUMBER DESCRIPTION:



④ ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.

5. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED BY APPLYING 300V DC FOR MINIMUM OF 10ms, UNLESS ACTIVE COMPONENTS ARE USED IN THIS ASSEMBLY.

6. ALL CUSTOMER DRAWINGS ARE SUPPLIED WITH METRIC DIMENSIONS.

⑦ LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING SPECIFICATION GS-14-920.

⑧ CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART DETAIL. REFERENCE CONNECTOR HOUSING DRAWINGS FOR COMPLETE DETAILS.

9. GLOBAL STANDARDS FOR CABLE PACKAGING: GS-14-1093.

⑩ THIS DIMENSION IS A FINISHED PRODUCT LENGTH.

11. CABLE: UL APPROVED, TEMPERATURE RATING 80°C. 300V .
 HOUSING: HIGH TEMP. THERMOPLASTIC, UL94V-0 GLASS FILLED,
 POWER CONTACTS: COPPER ALLOY

12. CONTACT PLATING SPEC:

POWER CONTACT: $3\mu''$ Au + $27\mu''$ PdNi OVER $50\mu''$ Ni

SIGNAL CONTACT: $30\mu''$ Au OVER $50\mu''$ Ni

MOLEX CONTACT: 0.000150 MINIMUM TIN PLATE IN SELECT AREA,
 OVER NICKEL PLATE OVERALL

13. ID LABEL DESCRIPTION AS BELOW

HP P/N:795348-001

HH P/N:4N9D7-01 1

REV: C YYWW



READING:795348-001
 CODE:39



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spec ref			-			dr	William He	2014-11-21	projection			size	A3	scale	N/A				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	William He	2014-11-21	mm		ecn no		ECN-ELX-N-19521						
-						chr	Guo-Feng Jin	2014-11-21			rel level		-						
						appr	Guo-Feng Jin	2014-11-21	product family										
surface		linear	0.X	$\pm$ -			title	PowerBlade 1P32S1P Cable Assembly				dwg no	10080594-6KB0467LF				rev	E	
			0.XX	± 0.25															
			0.XXX	$\pm$ -															
-		angular	0°	$\pm$ -		www.fci.com	cat. no.	-				Customer Drawing				sheet 3 of 3			

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Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

<u>10080594-1ND0137LF</u>	<u>10080594-3CA0156LF</u>	<u>10080594-3CD0160LF</u>	<u>10080594-5LD0149LF</u>	<u>10080594-5LB0145LF</u>
<u>10080594-3KB0203LF</u>	<u>10080594-3ED0105LF</u>	<u>10080594-1JD0118LF</u>	<u>10080594-4UA0022LF</u>	