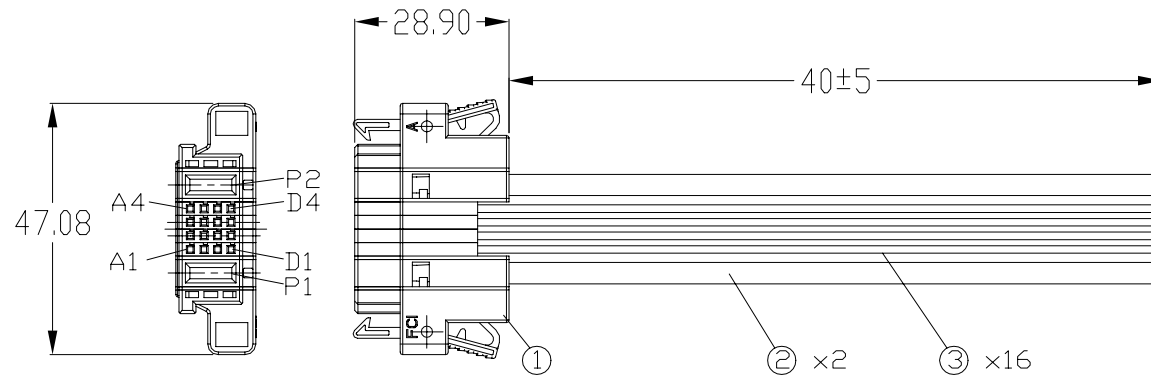


PRODUCT NUMBER
NOTE 3

10080594-1KB0543LF



FCI P/N:10066440-094

3	24AWG WIRE,UL1007,BLUE	AR	M
2	12AWG WIRE,UL1015,BLACK	AR	M
1	1P16S1P RECEPTACLE HOUSING KIT	1	EA
No.	DESCRIPTION	QTY	UNIT

spec ref	-	dr	William He	2014-07-25	projection		mm		size	A3	scale	N/A
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	William He	2014-07-25					ecn no	-		
-		chr	Guo-Feng Jin	2014-07-25	rel level	-						
-		appr	Guo-Feng Jin	2014-07-25	product family							
surface 	linear	0.X	± -		title	Pwrblade 1P16S1P STR RECEPTACLE CABLE ASSEMBLY	dwg no	10080594-1KB0543LF	rev	A		
		0.XX	±0.25									
		0.XXX	±0.25									
	-	angular	0~								± -	www.fci.com

NOTES:

1. END1 MATE WITH FCI HEADER PART NUMBER 51939-***LF

2. UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE =
< 1 METER:±15.0mm
1 METER TO 10 METER:±2% OF "DIM L"
> 10 METER:+0.00%-4% OF "DIM L"

3. PART NUMBER DESCRIPTION:

BASE NUMBER DASH NUMBER

1 0 0 8 0 5 9 4 - 1 K B 0 5 4 3 L F

STYLE

1: STR SINGLE ENDED

SIGNAL WIRE SIZECOLOR

B: 24AWG BLUE

POWER
CONFIGURATION WIRE SIZE

K: P+S+P 12 AWG

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, DIELECTRIC RESISTANCE 10MΩ
MIN. CONNECTION RESISTANT 1.0Ω MAX. 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-47-0004.

LEAD FREE SOLDER TAIL PLATING 2.00um (80u") MIN. MATTE TIN OVER
1.27um (50u") MIN. NICKEL UNDERPLATE.

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
HOUSING: HIGH TEMP. THERMOPLASTIC, UL94V-0 GLASS FILLED,
COLOR: BLACK
POWER CONTACTS: COPPER ALLOY

spec ref		-		dr	William He	2014-07-25	projection			size	A3	scale	N/A
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	William He	2014-07-25	ecn no	-							
		chr	Guo-Feng Jin	2014-07-25									
-		appr	Guo-Feng Jin	2014-07-25	product family			rel level	-				
surface 	linear	0.X	± -		title Pwrblade 1P16S1P STR RECEPTACLE CABLE ASSEMBLY			dwg no	10080594-1KB0543LF	rev	A		
		0.XX	±0.25										
		0.XXX	± -										
-	angular	0~	± -'	www.fci.com	cat. no.	-	Customer Drawing			sheet 2 of 2			