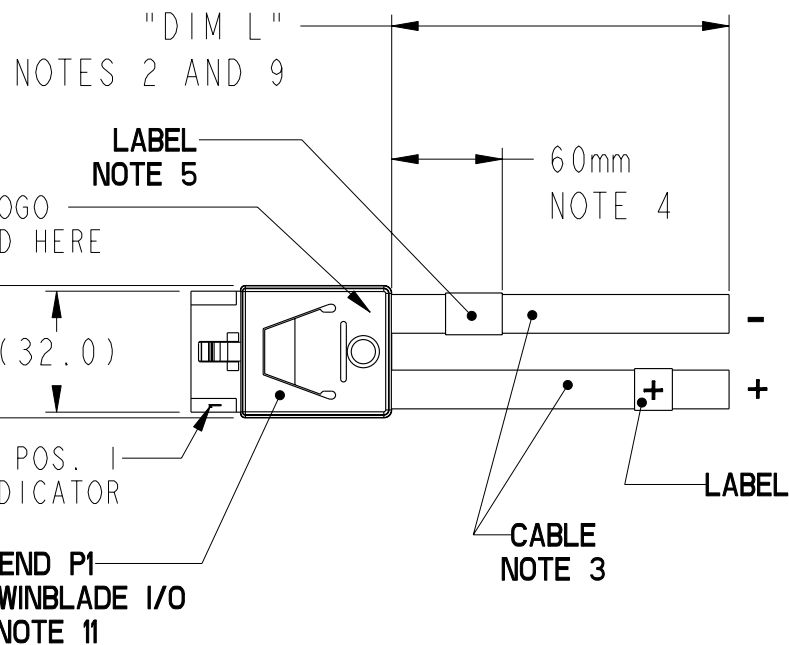


Product number  
10080068-2XXLXXXLF



CODING KEY - TABLE 2

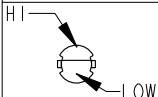
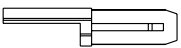
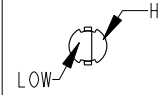
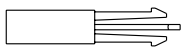
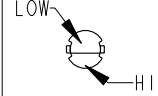

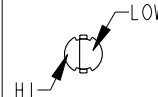
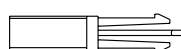
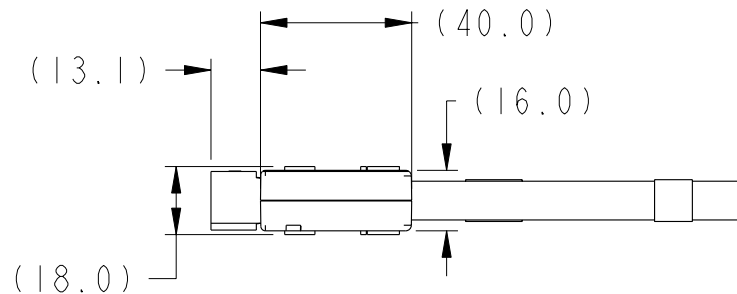
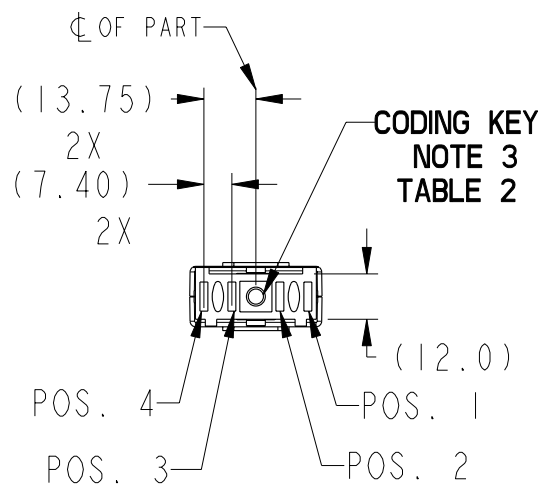




ORIENTATION FRONT VIEW	ORIENTATION SIDE VIEW	DEGREE
		0°
		90°
		180°
		270°

TABLE 1 (SEE NOTE 6)

WIRING LIST	
POS. 1	POSITIVE
POS. 2	+
POS. 3	NEGATIVE
POS. 4	-



rev	ecn no	dr	date
A	V09-0215	DAI	2009-05-05
B	V10-0017	DAI	2010-02-16

www.fciconnect.com			surface - 		tolerance std		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	D. INGRAM	2009-05-05	ANGULAR	LINEAR	0.X	±0.X	size A4	Scale 1:2			
Eng	D. INGRAM	2009-05-05			0.XX	±0.10					
Chr	D. INGRAM	2009-05-05	0°	±2°	0.XXX	±0.XXX	ECN V10-0017				
Appr	B. BRUBAKER	2009-05-05	Product family				C&A	Spec ref			
			title PWR TWINBLADE I/O STRAIGHT CABLE ASSEMBLY				dwg no 10080068-2XXLXXXLF			Rev. B	
			catalog no -				CUSTOMER			sheet 1 of 3	

Product number  
10080068-2XXLXXXLF

NOTES:

1. MATES WITH FCI CONNECTOR: 51939-219LF OR 10093083.

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

3. PART NUMBER DESCRIPTION:  
10080068 - 2 X X LXXX LF

STYLE:

	END P1 CONNECTOR STYLE	END P2
2:	STRAIGHT	WIRES ONLY (BLUNT CUT CABLE)

CABLE DESCRIPTION

	WIRE SIZE	DESCRIPTION	NOTES
E:	$2 \times 6^2$	STRANDED	HALOGEN FREE
G:	$16\text{mm}^2$	STRANDED	HALOGEN FREE

CODING KEY:

	ORIENTATION
A:	$0^\circ$
B:	$90^\circ$
C:	$180^\circ$
D:	$270^\circ$
E:	CUSTOMER INSTALLED

LXXX = "DIM L"

LXXX

LENGTH IN CENTIMETERS  
EXAMPLES OF LXXX:

L090 = 90cm

L150 = 150cm



title PWR TWINBLADE I/O  
STRAIGHT CABLE ASSEMBLY  
catalog no -

dwg no 10080068-2XXLXXXLF

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B

CUSTOMER sheet 2 of 3

Product number

10080068-2XXLXXLF

NOTES CONTINUED:

- ④. LABEL POSITION SHALL BE 60mm FROM REAR OF CONNECTOR.
- ⑤. UNLESS OTHERWISE SPECIFIED STANDARD LABEL SHALL BE FCI P/N 10081646-002.  
LABEL DETAILS;  
-MANUFACTURER CODE OR NAME  
-FCI P/N OR CUSTOMER P/N  
-REVISION  
-DATE CODE WW/YY FORMAT  
-COUNTRY ORIGIN  
FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.
- ⑥. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
7. 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.
8. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-389
- ⑨. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- ⑩. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- ⑪. ASSEMBLY SHOWN IS FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART DETAIL. REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.
12. PACKAGING SPECIFICATION: GS-14-1325.
13. A "△" SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION." THE CURRENT REVISION WILL BE SHOWN IN THE SYMBOL.
14. TOP/BOTTOM COVERS - THERMOPLASTIC POLYMER  
HOUSING - THERMOPLASTIC POLYMER  
STRAIN RELIEF - THERMOPLASTIC POLYMER  
LOCKING SPRING - THERMOPLASTIC POLYMER  
CODING KEY - THERMOPLASTIC POLYMER - COLOR: RED  
TERMINAL CRIMP - Hi CONDUCTIVE Cu ALLOY  
TERMNAL BLADES - Hi CONDUCTIVECu ALLOY  
CONDUCTOR - STRANDED COPPER  
JACKET - POLYOFELIN (PE)  
CABLE IS TO BE UL RECOGNIZED



title PWR TWINBLADE I/O  
STRAIGHT CABLE ASSEMBLY  
catalog no -

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CUSTOMER sheet 3 of 3

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