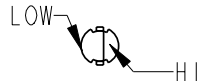
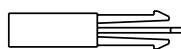


1 2 3 4

CODING KEY - TABLE 2			
END	ORIENTATION FRONT VIEW	ORIENTATION SIDE VIEW	DEGREE
P1	LOW  HI		90°

"DIM L1=180mm ±10mm"
NOTES 2 AND 9

LABEL
NOTE 5

30mm±5mm
NOTE 4

COMPANY LOGO
TO BE PLACED HERE

END P2
CABLE TERMINATION
SEE TABLE 1

(32.0)
(35.0)
2X
POS. 1
INDICATOR

SHRINK
TUBE

END P1
PWR TWINBLADE I/O
NOTE 11

CABLE
NOTE 3

30mm±5mm

"DIM L2=150mm±10mm"
NOTES 2 AND 9

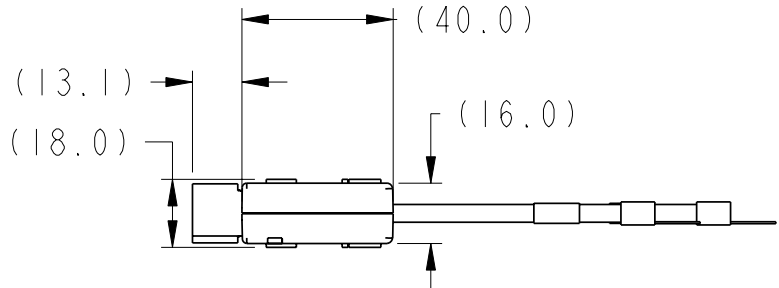
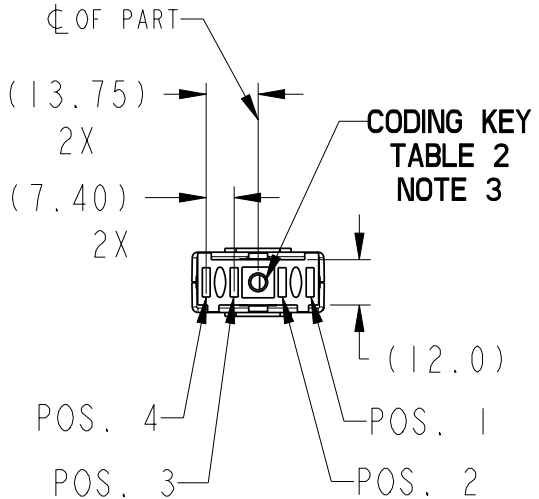




TABLE 1 (SEE NOTE 6)		
WIRING LIST		
POSITION	END P2 TERMINATION DESCRIPTION	ID
POS. 1	METRIC RING	NEGATIVE
POS. 2	METRIC RING	-
POS. 3	METRIC RING	POSITIVE
POS. 4	METRIC RING	+

www.fciconnect.com		surface <input checked="" type="checkbox"/>	tolerance std	projection 	MM
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	LINEAR	size A4	Scale 1:2
Dr	R.ESWARAMOORTHY 2008-08-28	0.X	±0.X	ECN V08-0405	
Eng	D.INGRAM 2008-08-28	0.XX	±0.10	Spec ref	
Chr	C.GROSS 2008-08-28	0° ±2°	0.XXX ±0.XXX	Product family C&A	
Appr	C.GROSS 2008-08-28	Product family C&A		Spec ref	
 PWR TWINBLADE I/O SINGLE ENDED STRAIGHT CABLE ASSEMBLY		catalog no 10080068-1EB0045LF		dwg no 10080068-1EB0045LF	Rev. A

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NOTES:

- 1. MATES WITH FCI CONNECTOR: 51939-219LF.
- 2. UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE =
 - < = 1 METER: ±15.0mm
 - > 1 METER TO 10 METER: ±2% OF "DIM L1" & "DIM L2"
 - > 10 METER: +0.00% / -4% OF "DIM L1" & "DIM L2"
- 3. PART NUMBER DESCRIPTION:
10080068 - I X X XXXX LF

STYLE:

	END P1 CONNECTOR STYLE	END P2
I:	STRAIGHT	TERMINATED SEE TABLE I

LF: LEAD FREE (NOTE 10)
 CUSTOMER SPECIFIC DASH NUMBER

CODING KEY:

	ORIENTATION
A:	0°
B:	90°
C:	180°
D:	270°
E:	CUSTOMER INSTALLED

CABLE DESCRIPTION

	WIRE SIZE	DESCRIPTION	NOTES
A:	4 AWG	STRANDED	HALOGEN FREE
B:	6 AWG	STRANDED	HALOGEN FREE
C:	8 AWG	STRANDED	HALOGEN FREE
D:	10 AWG	STRANDED	HALOGEN FREE
E:	2x6mm ²	STRANDED	HALOGEN FREE
F:	10mm ²	STRANDED	HALOGEN FREE
G:	16mm ²	STRANDED	HALOGEN FREE
H:	25mm ²	STRANDED	HALOGEN FREE



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	Title	PWR TWINBLADE I/O SINGLE ENDED	dwg no	10080068-1EB0045LF	Rev.	A
		STRAIGHT CABLE ASSEMBLY				
	catalog no	10080068-1EB0045LF			CUSTOMER	sheet 2 of 3

A

NOTES CONTINUED:

A

4. UNLESS OTHERWISE SPECIFIED LABEL POSITION SHALL BE APPROXIMATELY 60mm FROM REAR OF CONNECTOR.

5. UNLESS OTHERWISE SPECIFIED STANDARD LABEL SHALL BE BRADY LABEL P/N THT-10-427-3. 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.

B

B

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

13. "A Δ 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. MATERIALS:
TOP/BOTTOM COVERS - HIGH TEMPERATURE NYLON
HOUSING - HIGH TEMPERATURE NYLON
STRAIN RELIEF - NYLON
LOCKING SPRING - HIGH TEMPERATURE NYLON
CODING KEY - HIGH TEMPERATURE NYLON - COLOR: RED
TERMINAL CRIMP - Cu ALLOY
TERMINAL BLADES - Cu ALLOY
CONDUCTOR - STRANDED COPPER
JACKET - POLYOFELIN (PE)

C

C

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D

D

Table with 4 columns: Title (PWR TWINBLADE I/O SINGLE ENDED STRAIGHT CABLE ASSEMBLY), Catalog no (10080068-1EB0045LF), Customer (CUSTOMER), and Rev. (A). Includes FCI logo and sheet number (3 of 3).