

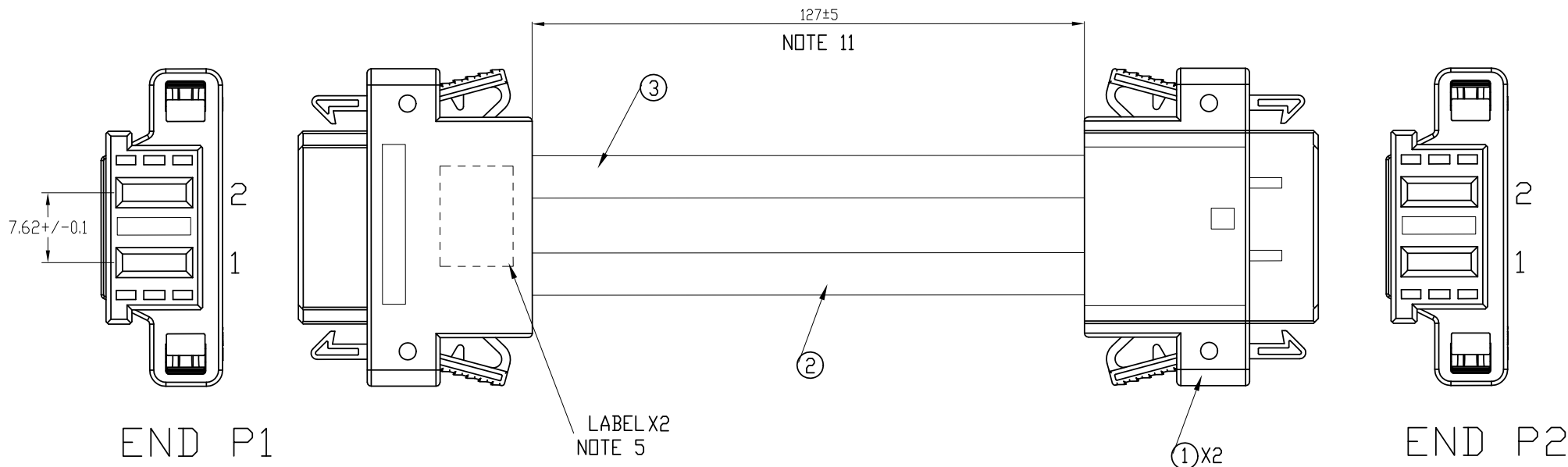
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
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PRODUCT NUMBER  
NOTE 3  
10080594-3AD0117LF



END P1	WIRE	END P2
1	8AWG BLACK	1
2	8AWG RED	2

Qty	Unit	Description	Item
NA	M	UL10198 ULTRA FLEXIBLE 8AWG RED	3
NA	M	UL10198 ULTRA FLEXIBLE 8AWG BLACK	2
2	PC	Housing 2Acp KIT 0.30" spacing	1

mat'l. code				surface		tolerance		projection		product family					
				ISO 1302 ✓		ISO 406 ISO 1101				Power blade					
l		tr		ec		no		dr		date		tolerances unless otherwise specified		title	
c		-						wilson		01-12'12		angles		linear	
														MM	
														scale 4	
														FCI	
												dr		wilson	
												engr		wilson	
												chr		wilson	
												appd		Jackson	
														10-06'09	
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PDS:Rev :C

STATUS:Released

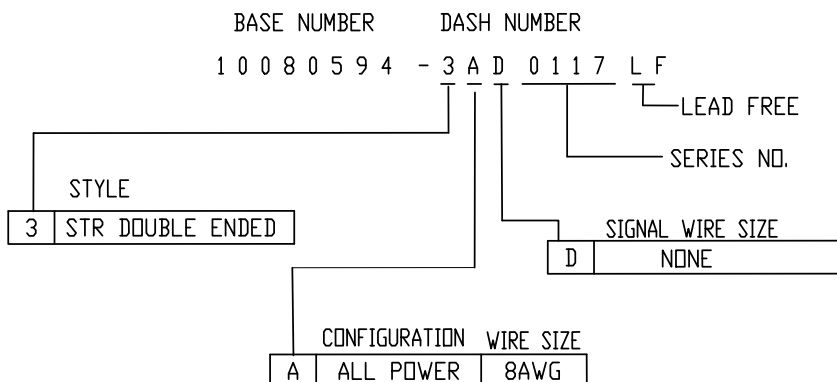
Printed: Jan 13, 2012

## NOTES:

- ①. END P1 MATES WITH FCI HEADER P/N 51939-475LF or 51963-046LF.  
END P2 MATES WITH FCI HEADER P/N 51939-475LF or 51963-046LF.

- 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. UNLESS OTHERWISE SPECIFIED LABEL POSITION SHALL BE APPROXIMATELY 50mm FROM REAR OF CONNECTOR.
- ⑤. LABEL OR INK STAMP 660-0218 ASSEMBLY NUMBER, REVISION, MFG. DATE CODE, AND SUPPLIER I.D. WITH .10" HIGH CHARACTERS APPROXIMATELY WHERE INDICATED. MARK TO 660 LEVEL PER PURCHASE ORDER OR CURRENT BILL OF MATERIAL.

RPM1191529/1 R1D  
WWYY FCI

- 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. ALL CUSTOMER DRAWINGS ARE SUPPLIED WITH METRIC DIMENSIONS.

- ⑨. 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.

- ⑩. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART DETAIL. REFERENCE CONNECTOR HOUSING DRAWINGS FOR COMPLETE DETAILS.

11. BAG AND TAG WITH THE PART NUMBER AND THE LATEST REVISION.

- ⑫. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.

13. CABLE: UL APPROVED, TEMPERATURE RATING 105°C. 300V .  
HOUSING: HIGH TEMP. THERMOPLASTIC, UL94V-0 GLASS FILLED,  
COLOR: BLACK  
POWER CONTACTS: COPPER ALLOY

mat'l. code				surface		tolerance		projection		product family			
				ISO 1302 ✓		ISO 406 ISO 1101				Power blade			
ltn		ecn no		dr		date		tolerances unless otherwise specified		title			
C										PowerBlade 2Acp Cable Assembly			
						angles		linear		scale 4			
						dr		wilson		10-06'09			
						engr		wilson		10-06'09			
						chr		wilson		10-06'09			
						appd		Jackson		10-06'09			
sheet		revision		C									
index		sheet		2									

# Mouser Electronics

Authorized Distributor

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[10080594-3AD0117LF](#)