

PRODUCT NUMBER
10080594-XXXXXXXXLF

BASE NUMBER DASH NUMBER
10080594 - XXXXXXXLF

LEAD FREE (SEE NOTE 9)
NEXT AVAILABLE NUMBER
SEE NOTE 2

	SIGNAL WIRE SIZE	NOTES
A:	22 AWG	-
B:	24 AWG	-
C:	26 AWG	-
D:	NONE	-
E:	*MULTI	NOTE 3,5

COLOR: GREEN, UNLESS OTHERWISE SPECIFIED

	POWER CONFIGURATION	WIRE SIZE	NOTES
A:	ALL POWER	8 AWG	
B:	P+S+P	8 AWG	
C:	P+S	8 AWG	
D:	S+P	8 AWG	
E:	ALL POWER	10 AWG	
F:	P+S+P	10 AWG	
G:	P+S	10 AWG	
H:	S+P	10 AWG	
J:	ALL POWER	12 AWG	
K:	P+S+P	12 AWG	
L:	P+S	12 AWG	
M:	S+P	12 AWG	
N:	ALL POWER	14 AWG	
P:	P+S+P	14 AWG	
R:	P+S	14 AWG	
S:	S+P	14 AWG	
T:	ALL POWER	*MULTI	NOTE 3,5
U:	P+S+P	*MULTI	NOTE 3,5
V:	P+S	*MULTI	NOTE 3,5
W:	S+P	*MULTI	NOTE 3,5
X:	ALL SIGNAL		

COLOR: BLACK, UNLESS OTHERWISE SPECIFIED

	STYLE	TERMINATION
1:	STR SINGLE ENDED	BLUNT CUT CABLES SEE NOTE 7
2:	STR SINGLE ENDED	YES-SEE NOTE 8
3:	STR DOUBLE ENDED	P2 CONNECTOR IS DEFINED
4:	PANEL MOUNT SINGLE ENDED	BLUNT CUT CABLES SEE NOTE 7
5:	PANEL MOUNT SINGLE ENDED	YES-SEE NOTE 8
6:	PANEL MOUNT DOUBLE ENDED	P2 CONNECTOR IS DEFINED
7:	P1:PANEL MOUNT/P2:STR DOUBLE ENDED	P2 CONNECTOR IS DEFINED
8:	P1:STR/P2:PANEL MOUNT DOUBLE ENDED	P2 CONNECTOR IS DEFINED
A:	VERTICAL BOARD MOUNTING FEATURE	TBD
B:	LATCH EAR SINGLE ENDED	BLUNT CUT CABLES SEE NOTE 7
C:	LATCH EAR SINGLE ENDED	YES-SEE NOTE 8
D:	LATCH EAR DOUBLE ENDED	P2 CONNECTOR IS DEFINED
E:	P1:PANEL MOUNT/P2:LATCH EAR DOUBLE ENDED	P2 CONNECTOR IS DEFINED
F:	P1:LATCH EAR/P2:PANEL MOUNT DOUBLE ENDED	P2 CONNECTOR IS DEFINED
G:	P1:STR/P2:LATCH EAR DOUBLE ENDED	P2 CONNECTOR IS DEFINED
H:	P1:LATCH EAR/P2:STR DOUBLE ENDED	P2 CONNECTOR IS DEFINED

NOTES:

- PwrBlade CABLE ASSEMBLY OFFERING FOR ASSEMBLIES WITH NON-STANDARD OPTIONS: CUSTOMER REQUIREMENTS LIST (E-3610) MUST BE FILLED OUT FOR EACH PART NUMBER REQUEST.
- NEXT AVAILABLE DASH NUMBER WILL BE DEFINED BY FCI.
- CABLE LENGTHS, WIRE COLORS, WIRE SIZES AND POWER PITCH ARE TO BE DEFINED ON ASSEMBLY DRAWINGS FOR THE ASSIGNED PART NUMBERS. THE DRAWING WILL ALSO DEFINE SPECIAL MATING CONDITIONS IF REQUIRED. THE DRAWING WILL ALSO DEFINE LOAD PATTERN AND ANY OMITTED CONTACTS IF REQUIRED.
- FMLB (FIRST MATE, LAST BREAK) FOR POWER CONTACTS ARE ALWAYS DEFINED ON RECEPTACLES IF REQUIRED.

FMLB (FIRST MATE, LAST BREAK) OPTIONS FOR SIGNAL CONTACTS ARE ALWAYS DEFINED ON MATING HEADERS.
- NON-STANDARD OPTIONS CAN INCLUDE:
 - NOT FULLY LOADED SIGNAL CONTACTS OR NOT FULLY LOADED POWER CONTACTS
 - PITCH IS NOT THE STANDARD PITCH OF .250 FOR POWER CONTACTS
 - THE COLOR OF THE POWER WIRES ARE NOT BLACK
 - THE COLOR OF THE SIGNAL WIRES ARE NOT GREEN
 - FMLB (FIRST MATE, LAST BREAK) IS REQUESTED
 - PANEL MOUNT WITHOUT GUIDES HAS BEEN REQUESTED
 - PITCH IS VARIED ON POWER CONTACTS
 - POWER WIRES OF VARIED GAGES ARE REQUIRED.
 - POWER WIRES AND OR SIGNAL WIRES OF VARIED COLORS ARE REQUIRED.
 - SIGNAL WIRES OF VARIED GAGES ARE REQUIRED.
- CONNECTOR LENGTH SHALL NOT EXCEED 155.00 mm MAX.
- SINGLE ENDED CABLE ASSEMBLIES SHALL HAVE NO TERMINATION. THESE CABLES ARE DEFINED AS BLUNT CUT CABLES (WIRES ONLY).
- TERMINATION OF WIRES ON SINGLE ENDED ASSEMBLIES SHALL BE DEFINED ON ASSEMBLY DRAWING. TERMINATION TYPES SHALL ALSO BE SPECIFIED ON THE CRL E-3610. TERMINATION TYPES MAY BE DEFINED AS LUGS, RINGS OR AS SPECIFIED BY CUSTOMER.
- LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



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rev	ecn no	dr	date
A	V07-0550	DAI	2007-08-20
B	V08-0327	DAI	2008-07-16
C	V09-0031	DAI	2009-04-28
D	V10-0072	DAI	2009-12-29
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface <input checked="" type="checkbox"/>	tolerance std	projection	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED			Scale
Dr	D. INGRAM	2007-05-08	ANGULAR	0.X	±
Eng	C. GROSS	2007-05-08	LINEAR	0.XX	±
Chr	C. GROSS	2007-05-08	0° ±	0.XXX	±
Appr	C. GROSS	2007-05-08	Product family	ECN	V10-0072
		Product family		Spec ref	
		PART NUMBER SCHEME WITH OPTIONS		10080594	Rev. D
		PwrBlade RECEPTACLE CABEL ASSEMBLIES		CUSTOMER	sheet 1 of 1
catalog no					

PDM: Rev:D

STATUS Released 4 Printed: Oct 12, 2010