

PRODUCT NUMBER

10080598-XXXXXXXXLF

BASE NUMBER

DASH NUMBER

10080598 - XXXXXXXLF

LEAD FREE (SEE NOTE 9)

NEXT AVAILABLE NUMBER
SEE NOTE 2

SIGNAL WIRE SIZE

A:	22 AWG
B:	24 AWG
C:	26 AWG
D:	NONE
E:	MULTI NOTE 3, 5

COLOR: GREEN, UNLESS OTHERWISE SPECIFIED

POWER WIRE SIZE

CONFIGURATION	WIRE SIZE	NOTES
A:	ALL POWER	4mm ²
B:	P+S+P	4mm ²
C:	P+S	4mm ²
D:	S+P	4mm ²
E:	ALL POWER	6mm ²
F:	P+S+P	6mm ²
G:	P+S	6mm ²
H:	S+P	6mm ²
J:	ALL POWER	10mm ²
K:	P+S+P	10mm ²
L:	P+S	10mm ²
M:	S+P	10mm ²
N:	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:	PI:PANEL MOUNT/P2:STR DOUBLE ENDED	P2 CONNECTOR IS DEFINED
8:	PI:STR/P2:PANEL MOUNT DOUBLE ENDED	P2 CONNECTOR IS DEFINED
A:	LATCH EAR SINGLE ENDED	BLUNT CUT CABLES SEE NOTE 7
B:	LATCH EAR SINGLE ENDED	YES-SEE NOTE 8
C:	LATCH EAR DOUBLE ENDED	P2 CONNECTOR IS DEFINED
D:	PI:PANEL MOUNT/P2:LATCH EAR DOUBLE ENDED	P2 CONNECTOR IS DEFINED
E:	PI:LATCH EAR/P2:PANEL MOUNT DOUBLE ENDED	P2 CONNECTOR IS DEFINED
F:	PI:STR/P2:LATCH EAR DOUBLE ENDED	P2 CONNECTOR IS DEFINED
G:	PI:LATCH EAR/P2:STR DOUBLE ENDED	P2 CONNECTOR IS DEFINED

NOTES:

- PwrBlade CABLE ASSEMBLY OFFERING FOR ASSEMBLIES WITH mm² CABLES:
10080598- XXXXXXXLF = WITH mm² CABLES
CUSTOMER REQUIREMENTS LIST (E-3610) MUST BE FILLED OUT FOR EACH
PART NUMBER REQUEST.
SIGNAL WIRES ARE ALL THE SAME SIZE, IF REQUIRED.
- NEXT AVAILABLE DASH NUMBER WILL BE DEFINED BY FCI.
- CABLE LENGTHS, WIRE COLORS AND POWER PITCH ARE TO BE DEFINED
ON ASSEMBLY DRAWINGS FOR THE ASSIGNED PART NUMBERS.
THE DRAWING WILL ALSO DEFINE SPECIAL MATING CONDITIONS 2.34.
THE DRAWING WILL ALSO DEFINE LOAD PATTERN AND ANY OMITTED CONTACTS.
- FMLB (FIRST MATE, LAST BREAK) FOR POWER CONTACTS
ARE ALWAYS DEFINED ON RECEPTACLES.

FMLB (FIRST MATE, LAST BREAK) OPTIONS FOR SIGNAL CONTACTS
ARE ALWAYS DEFINED ON MATING HEADERS.
- NON- STANDARD OPTIONS ARE DEFINED AS SUCH:
- 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.
- CONNECTOR LENGTH SHALL NOT EXCEED 155.00 mm MAX.
- TYPE OF TERMINATION MUST BE SPECIFIED BY CUSTOMER, EXAMPLE "LUGS".
CUSTOMER DRAWING. STANDARD OFFERING IS BLUNT CUT CABLES.
- 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.

www.fciconnect.com			surface ☒	tolerance std	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	D. INGRAM	2008-07-07	ANGULAR	0.X	±	size A4
Eng	C. GROSS	2008-07-07		0.XX	±	
Chr	C. GROSS	2008-07-07		0.XXX	±	
Appr	C. GROSS	2008-07-07	Product family		ECN V09-0582	
FCI			PART NUMBER SCHEME WITH MM ² CABLES		Spec ref	
			PwrBlade RECEPTACLE CABEL ASSEMBLIES		10080598	
catalog no			CUSTOMER		sheet 1 of 1	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10080598-2ED0003LF](#) [10080598-2ED0004LF](#)