

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 <input checked="" type="checkbox"/> | tolerance std | projection | MM |
| | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | |
| Dr | D. INGRAM | 2008-07-07 | ANGULAR | 0.X | ± |
| Eng | C. GROSS | 2008-07-07 | LINEAR | 0.XX | ± |
| Chr | C. GROSS | 2008-07-07 | 0° ±° | 0.XXX | ± |
| Appr | C. GROSS | 2008-07-07 | Product family | | ECN V09-0582 |
| | | | | size A4 | Scale - |
| | | | | Spec ref | |
| FCI PART NUMBER SCHEME WITH MM ² CABLES | | dwg no | | 10080598 | Rev. C |
| PwrBlade RECEPTACLE CABEL ASSEMBLIES | | CUSTOMER | | sheet 1 of 1 | |
| catalog no | | | | | |

| rev | ecn no | dr | date |
|-----|----------|-----|------------|
| A | V08-0305 | DAI | 2008-07-07 |
| B | V08-0327 | DAI | 2008-07-16 |
| C | V09-0582 | DAI | 2010-02-12 |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

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