CONNECTOR VIEWS – 1.0

OPTICAL MODULE TO HOST CONNECTOR MATED VIEW – 1.1

FIGURE 1

OPTICAL MODULE & KEY COMPONENTS – 1.2

FIGURE 2

OPTICAL MODULE ASSEMBLY
CONNECTOR VIEWS – (CONT)

OPTICAL MODULE & KEY COMPONENTS -1.2 (CONT)

MODULE CONNECTOR ASSEMBLY

FIGURE 3

HOST SIDE COMPONENT DESCRIPTIONS – 1.3

HOST CONNECTOR

FIGURE 4

HOST CONNECTOR COVER ASSEMBLY

FIGURE 5
CONNECTOR VIEWS – (CONT)

HOST SIDE COMPONENT DESCRIPTIONS – 1.3 (CONT)

**FIGURE 6**
- GUIDE RAIL

**FIGURE 7**
- BACKER PLATE ASSEMBLY

**FIGURE 8**
- EXTERNAL BRACKET ASSEMBLY

**FIGURE 9**
- HEAT SINK
 HOST CONNECTOR - 4.0

HOST CONNECTOR DIMENSIONAL REQUIREMENTS – 4.1

FIGURE 13
HOST CONNECTOR COVER ASSEMBLY - 5.0

COVER ASSEMBLY DIMENSIONAL REQUIREMENTS – 5.1

FIGURE 14
HOST EXTERNAL BRACKET ASSEMBLY - 8.0

EXTERNAL BRACKET DIMENSIONAL REQUIREMENTS – 8.1

FIGURE 17
MIN MODULE

PITCH = 86MM

113.25 MIN

116.25 MAX

(1mm MIN
3mm MAX)

18.0 ±0.15mm

(85.6)

FIGURE 18
HOST ASSEMBLY – (CONT)

HOST ASSEMBLY GENERAL ENVELOPE DIMENSIONS – 9.1 (CONT)

\[ \triangle \text{HOST CONNECTOR LOCATING DATUM} \]
\[ \triangle \text{HARD STOP FOR OPTICAL MODULE} \]

**FIGURE 19**
HOST BOARD SINGLE SIDE LAYOUT REQUIREMENTS – 10.1

RECOMMENDED PCB LAYOUT FOR SINGLE SIDE MOUNTING
SCALE 3:1

FIGURE 20
PCB LAYOUTS – (CONT)

HOST BOARD BELLY TO BELLY LAYOUT REQUIREMENTS – 10.2

BELLY TO BELLY BOARD THICKNESS 3.40 +/- 0.40mm

FIGURE 21
PCB LAYOUTS – (CONT)

HOST BOARD COMPONENT AND TRACE KEEPOUT AREAS – 10.3

EXPOSED PLATED AND SOLDER MASK PULLED BACK

TOP SIDE OF BOARD

FIGURE 22
PCB LAYOUTS – (CONT)

HOST BOARD CONNECTOR PAD DETAIL – 10.4

FIGURE 23

OPTICAL TRANSCEIVER BOARD MODULE CONNECTOR PAD DETAIL– 10.5

FIGURE 24
SYSTEM PANEL OPENING – 11.0

PANEL OPENING AND LOCATION REQUIREMENTS TO HOST BOARD -11.1

FIGURE 25