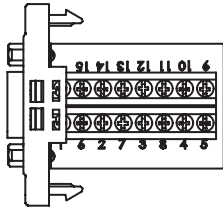**molex** ®

USO II 15 pin SVGA Field Terminable Module

USO II 15 pin SVGA
Field Terminable Module
Dimensions: 25mm x 50mm x 52.5mm
(1.0"H x 2.0"W x 2.1"D)
Shipping Weight: 24.6g (.86 oz.)

Order No.	Description
MUS-00099-**	USO II 15 pin SVGA Field Terminable Module

Insert color code in place of ** in part number when ordering.
01 = Almond, 02 = White, 04 = Black , 08 = Light Grey

Standard SVGA cables should consist of the following conductors:
(3) Coax lines (R,G,B) and (4) Twisted pair lines with (2) conductor lines
and a drain wire. A variety of SVGA cable is available. Due to this fact,
standard color codes apply only to coaxial Red, Green, and Blue. To
ensure correct conductor, perform a continuity test.

STEP 1
Strip cable sheath back 4".

STEP 2
Spread out conductors and shield.

STEP 3
Strip individual conductors back approximately 3/16".

STEP 4
Using a Phillips head screwdriver loosen terminals on the top of the
termination block in the back of the module.

Follow the following pin out schedule:

PIN	SIGNAL	CONDUCTOR
1	Red	Coax CC
2	Green	Coax CC
3	Blue	Coax CC
4	ID Bit 2	TP 1
5	Ground	TP 1
6	Red Shield	Coax Shield
7	Green Shield	Coax Shield
8	Blue Shield	Coax Shield
9	DDV + 5v	Cond 1
10	Sync RTN	TP 3-4
11	ID Bit 0	TP 2
12	ID Bit 1	TP 2
13	Horiz Sync	Cond 2
14	Vert Sync	TP 3
15	ID Bit 3	TP 4
16	Shell	Drain wire

Figure: MUS-00099-** Pin Out Schedule

PIN	SIGNAL	WIRE
	MUS-00099-XX	
1	RED	COAX CC
2	GREEN	COAX CC
3	BLUE	COAX CC
4	ID BIT 2	TP 1
5	GROUND	TP 1
6	RED SHIELD	COAX SHIELD
7	GREEN SHIELD	COAX SHIELD
8	BLUE SHIELD	COAX SHIELD
9	DDV + 5V	COND 1
10	SYNC RTN	TP 3/4
11	ID BIT 0	TP 2
12	ID BIT 1	TP 2
13	HORIZ SYNC	COND 2
14	VERT SYNC	TP 3
15	ID BIT 3	TP 4
16	SHELL	DRAIN WIRE

STEP 5
Insert the coaxial center conductors and shields as well as conductors into
the appropriate slots of the terminal board by signal name in accordance
with SVGA pin out table and numbers etched on the PCB. Tighten screws
to secure. Load module into wallplate or surface box.