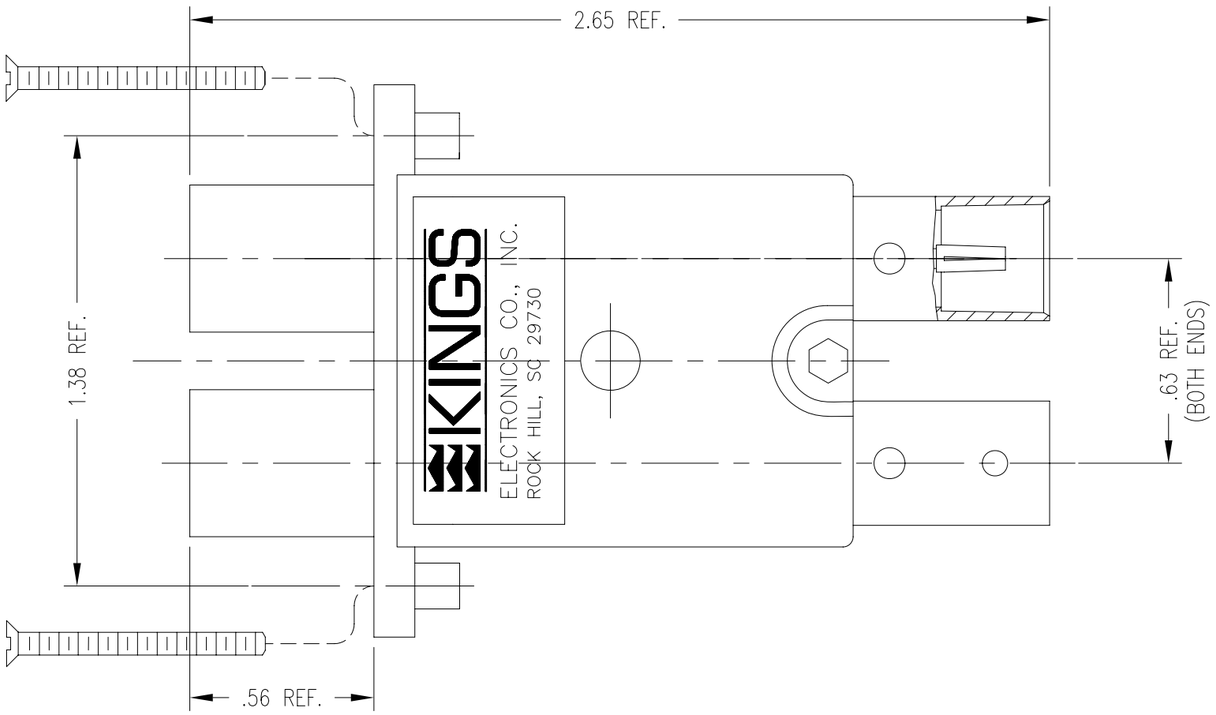
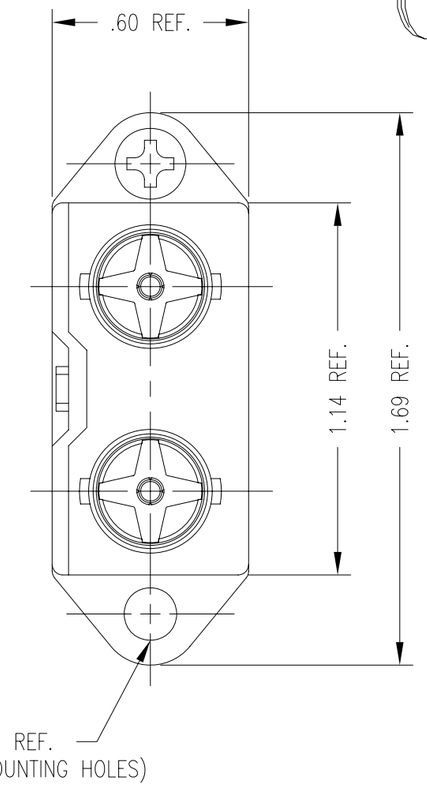
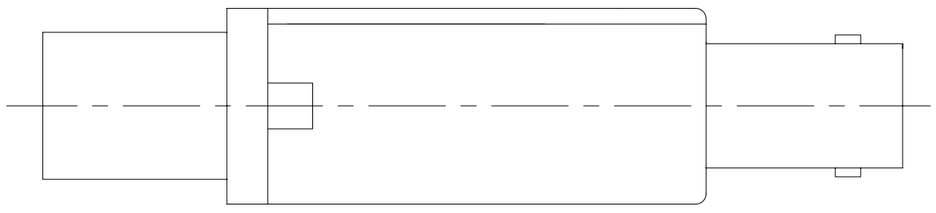
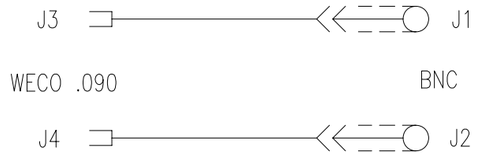








NOTES:

1. INTERFACE PER MIL-STD-348, FIG. 301-2 (AS APPLICABLE).
2. MATERIALS:
   - BODY: ZINC (ZAMACK)
   - CONTACTS: BER. COPPER, ASTM-B-196
   - INSULATING MATERIALS: ZYTEL, ASTM-D-4894
   - HARDWARE: STAINLESS STEEL
   - ALL OTHER METAL PARTS: BRASS, ASTM-B16
3. FINISHES:
   - CONTACTS: HARD GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290.
   - HARDWARE: PASSIVATE PER QQ-P-35
   - ALL OTHER METAL PARTS: NICKEL PER QQ-N-290
4. MECHANICAL CHARACTERISTICS: 50,000 LIFE CYCLES MIN.
5. ELECTRICAL CHARACTERISTICS:
   - IMPEDANCE: 75 OHMS
   - FREQUENCY RANGE: DC TO 3.5 GHz.
   - RETURN LOSS (PATCH THRU MODE):
     - UP TO 1.5 GHz, <-20dB
     - UP TO 3.5 GHz, <-10dB
6. COMPLIANT TO SMPTE 424M (3G-SDI) SPECIFICATION.

GSD

GSD

SD7780-7

REVISIONS

ISSUE	CHANGES
0	ER 38895 JLA 07/23/03
1	CN 39090 E JLA 05/07/04
2	CN 39197 C JLA 12/07/04
3	CN 39251 C JLA 03/21/05
E	ER 14290 PSM 03/16/09

7780-7SD

SCALE 2:1

APPROX SURFACE AREA

USED ON

REF:

HIGH DEFINITION, DUAL VIDEO JACK
STD SIZE (FEED THRU)

DRAWN	JLA	DATE	07/23/03
DESIGN	JLA	DATE	07/23/03
APPR.		DATE	

KINGS by WINCHESTER ELECTRONICS

Winchester Electronics
62 Barnes Industrial
Road North
Wallingford, CT 06492

B
SIZE

SD7780-7