

NOTES: UNLESS OTHERWISE SPECIFIED

1. FOR GENERAL SERIES SPECIFICATIONS, SEE SDXX-0000.

2. MATERIAL AND FINISHES:

BODY: BRASS, GOLD PLATE
CONTACT: BERYLLIUM COPPER, GOLD PLATE
INSULATOR: PTFE

3. ELECTRICAL SPECIFICATIONS:

IMPEDANCE: 75 OHMS
FREQUENCY RANGE: DC-12GHz
RETURN LOSS: < -20dB @ 6.0GHz (WITH 75 OHM TRACE)
DIELECTRIC WITHSTANDING VOLTAGE: 1000VRMS MIN.
INSULATION RESISTANCE:10,000 MEGOHMS MIN.

4. DURABILITY: 500 CYCLES

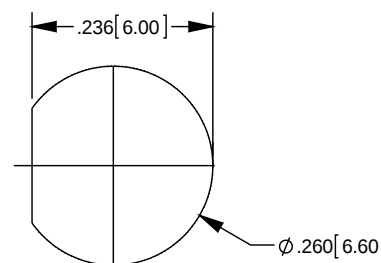
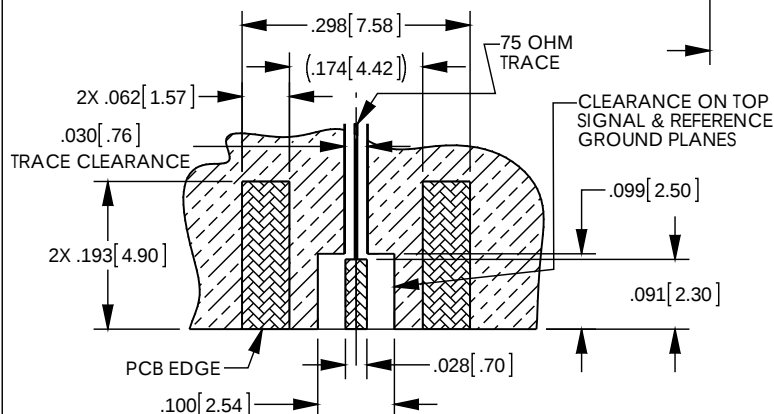
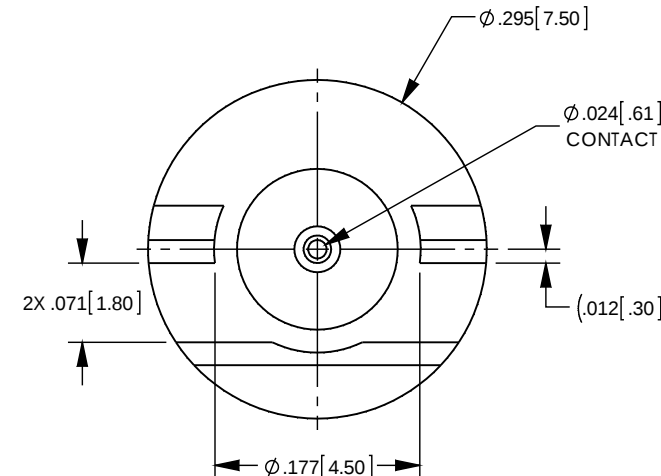
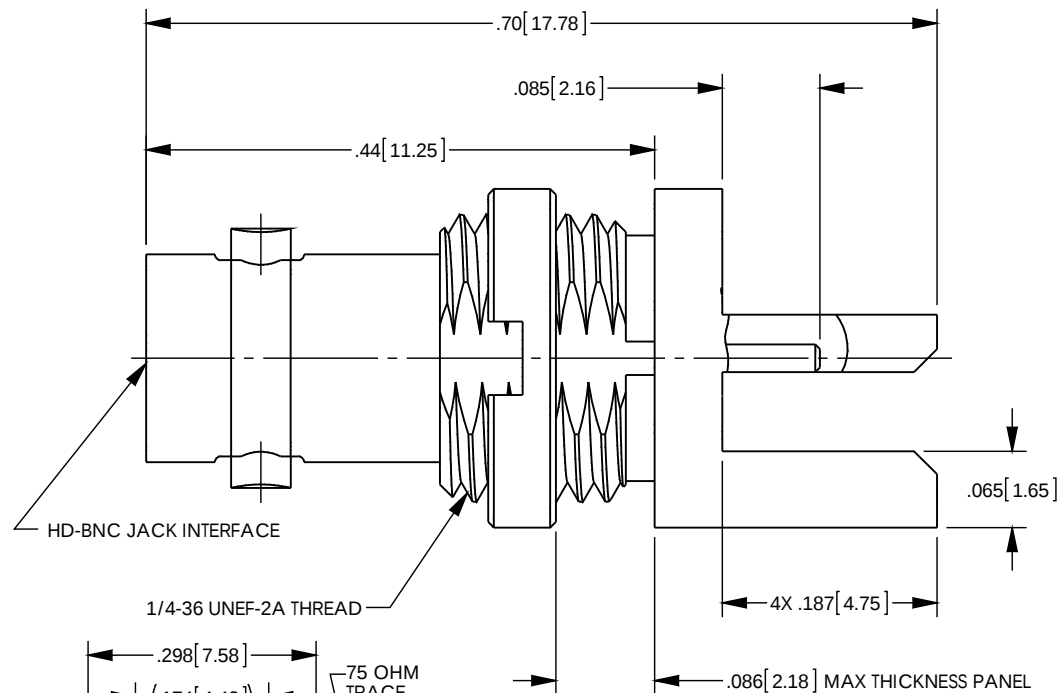
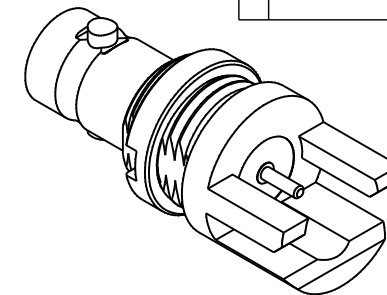
5. ENVIRONMENTAL:

THERMAL SHOCK PER MIL-STD-202 METHOD 107
TEST CONDITIONS B (EXCEPT HIGH TEMP @200° C)
VIBRATION: MIL-STD-202 METHOD 204 TEST CONDITION B
SHOCK: MIL-STD-202 METHOD 213 TEST CONDITION B
CORROSION: MIL-STD-202 METHOD 201
TEST CONDITIONSB 5% SALT SOLUTION

6. PACKAGING: INDIVIDUALLY BAGGED

7. COMPLIANT TO SMPTE 424M (3G-SDI) SPECIFICATION.

REV	DESCRIPTION	BY DATE	APPD
A	ER052721	KPL 04/21/14	MS



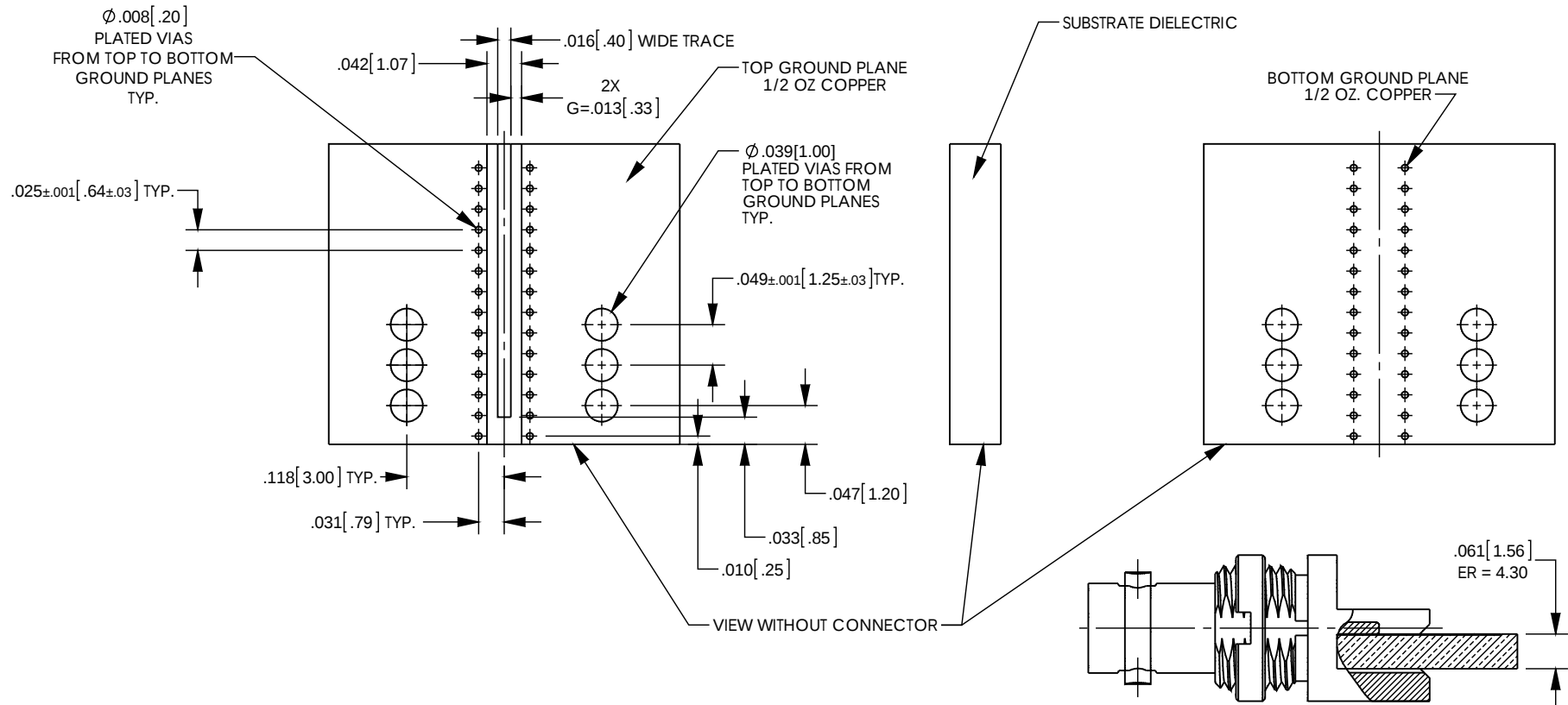
CATALOG P/N: HHD361HDE704

PER ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM] TOLERANCES: DECIMAL: .XX [X.X] ± .01 [0.3] .XXX [X.XX] ± .005 [0.13] .XXXX [X.XXX] ± .000X ANGLES: ± 2° SCALE: XX				KINGS® by WINCHESTER Winchester Electronics Corporation 199 Park Road Ext Suite 104 Middlebury, Connecticut 06762			
CUSTOMER SALES DRAWING				THIRD ANGLE HD-BNC END LAUNCH MOUNT JACK			
DRAWN KPL	DATE 04/21/2014	APPROVED MS	DATE 04/21/2014				
APPROVED XXX	DATE XX/XX/XX	APPROVED XXX	DATE XX/XX/XX				
A				SDHHD361HDE704		SHT OF 1 3	REV A

CONFIGURATION - 1

RECOMMENDED PCB LAUNCH FOR OPTIMAL RF PERFORMANCE

VARIATIONS IN BOARD SUBSTRATE AND TRACE MAY REQUIRE DIFFERENT GEOMETRY



REV	DESCRIPTION	BY	DATE	APPD
01	PRELIMINARY DRAWING ER050491	KPL	11/21/13	MS
02	ADDED HHD TO PART NO. ER051456	KPL	04/21/2014	MS
03	SEE SHT 1 ER051644	KPL	02/10/14	MS
A	SEE SHEET 1 ER052721	KPL	04/21/14	MS

PER ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: DECIMAL: .XX ± .XX .XXX ± .XXX .XXXX ± .XXXX ANGLES: ± X° SCALE: X:X			
THIRD ANGLE			
FINISH			
DRAWN	DATE	APPROVED	DATE
KPL	04/21/2014	MS	04/21/2014
APPROVED	DATE	APPROVED	DATE
XXX	XX/XX/XX	XXX	XX/XX/XX

 Winchester Electronics Corporation 199 Park Road Ext Suite 104 Middlebury, Connecticut 06762			
HD BNC BHD JACK EDGE MOUNT FOR .062 THICK BOARD			
A	SDHHD361HDE704	SHT OF	REV
		2 3	A

RECOMMENDED PCB LAUNCH FOR OPTIMAL RF PERFORMANCE

Technical drawing of a multi-layer printed circuit board (PCB) showing dimensions and layer specifications.

Top View Dimensions:

- Overall width: $.118 [3.00]$ TYP.
- Overall height: $.025 \pm .001 [.64 \pm .03]$ TYP.
- Top ground plane thickness: $.020 [.51]$ WIDE TRACE
- Ground plane thickness: $G = .062 [1.58]$ TYP 2X
- Bottom ground plane thickness: $.032 [.82]$
- Bottom ground plane thickness: $.166 [4.21]$
- Bottom ground plane thickness: $.013 [.33]$ TYP
- Bottom ground plane thickness: $.099 [2.51]$
- Bottom ground plane thickness: $.055 [1.40]$
- Bottom ground plane thickness: $.033 [.85]$
- Bottom ground plane thickness: $.089 [2.26]$
- Bottom ground plane thickness: $.052 [1.32]$

Layer Specifications:

- TOP GROUND PLANE 1/2 OZ. COPPER
- MIDDLE GROUND PLANE 1/2 OZ. COPPER
- BOTTOM GROUND PLANE 1/2 OZ. COPPER
- SUBSTRATE DIELECTRIC

Other Features:

- Plated vias: $\varnothing .008 [.20]$ PLATED VIAS FROM TOP TO BOTTOM GROUND PLANES TYP.
- VIEW WITHOUT CONNECTOR
- MIDDLE GROUND PLANE
- Bottom ground plane thickness: $.045 [1.14]$ ER = 4.30
- Bottom ground plane thickness: $.024 [.61]$ ER = 4.30

THIS DRAWING, THE DESIGN AND IDEAS EMBODIED THEREIN, IS THE PROPERTY OF WINCHESTER ELECTRONICS CORPORATION AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY MANNER WITHOUT THE CONSENT OF WINCHESTER ELECTRONICS CORPORATION.

REV

DESCRIPTION

PRELIMINARY
DRAWING
ER050491

BY DATE

MS
11/22/13

MS
02/03/14

MS
02/10/14

MS
04/21/14

01

02

03

A

ADDED HHD TO
PART NO.
ER051456

SEE SHT 1
ER051644

SEE SHT 1
ER052721

PER ASME Y14.5M-1994
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMAL: .XX ± .XX
 .XXX ± .XXX
 .XXXX ± .XXXX
ANGLES: ± X° SCALE: 3:1

THIRD
ANGLE



WINCHESTER
ELECTRONICS

Winchester Electronics Corporation
199 Park Road Ext Suite 104
Middlebury, Connecticut 06762

HD BNC BHD JACK EDGE MOUNT
FOR .062 THICK BOARD

A

SDHHD361HDE704

SHT
3

OF
3

REV
A