

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
ALL	1.0	SYOH-AHGND.VER01	NEW RELEASE	HCL-SD	01/11/2017	S.YOEUTH

**TABLE 1 - RAF GUIDE MODULE, 6 PAIR, W/ POST**

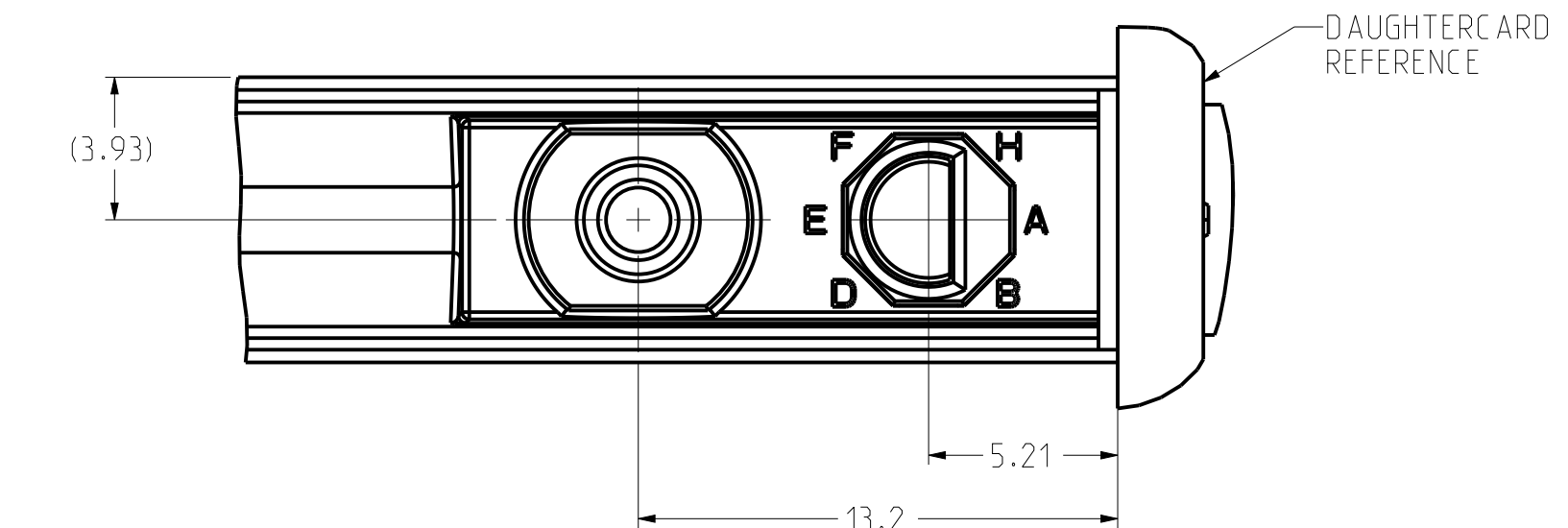
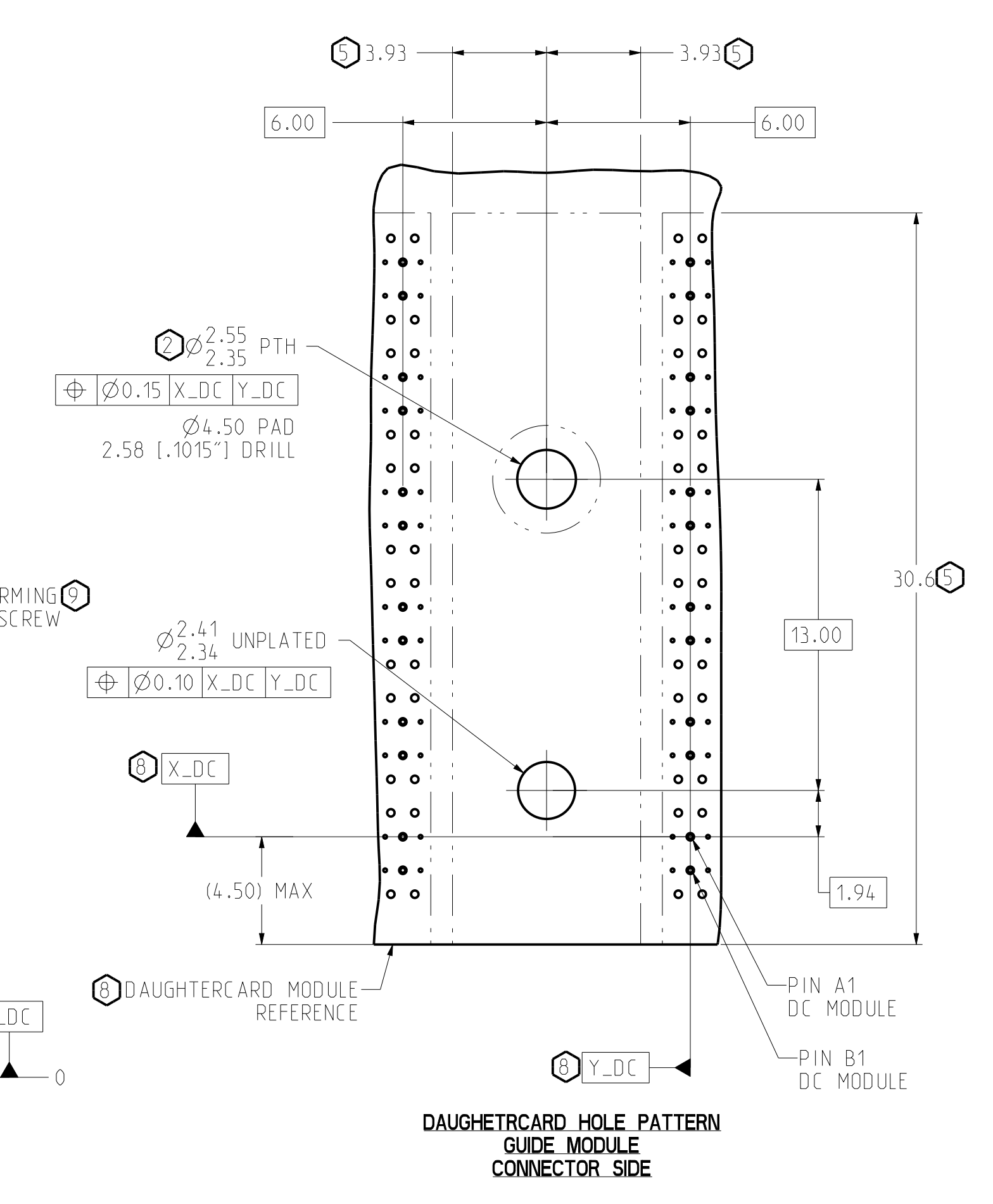
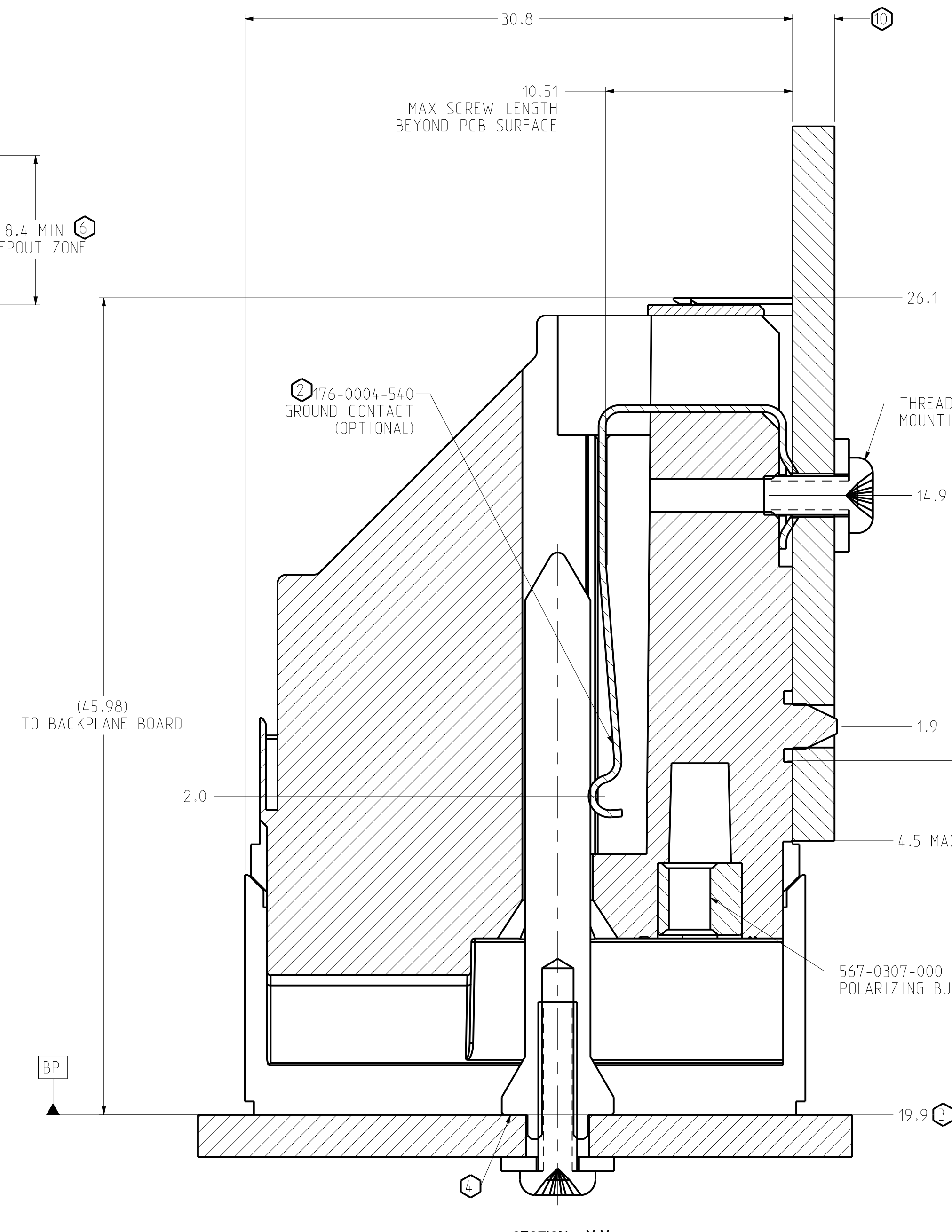
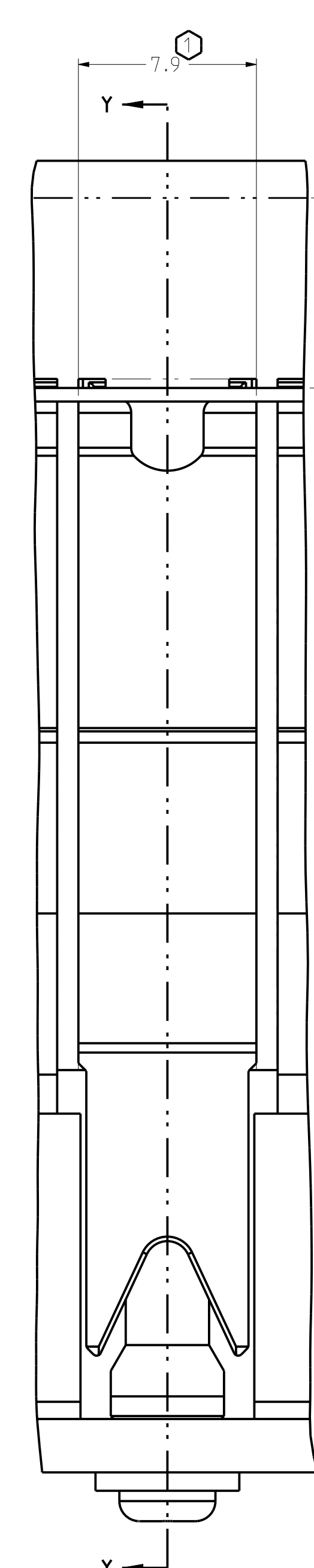
PART NUMBER	GROUND CONTACT	KEY POSITION
108-1611-1A1	YES	A
108-1611-1B1	YES	B
108-1611-1C1	YES	C
108-1611-1D1	YES	D
108-1611-1E1	YES	E
108-1611-1F1	YES	F
108-1611-1G1	YES	G
108-1611-1H1	YES	H
108-1611-1O1	YES	NO KEY
108-1611-1A0	NO	A
108-1611-1B0	NO	B
108-1611-1C0	NO	C
108-1611-1D0	NO	D
108-1611-1E0	NO	E
108-1611-1F0	NO	F
108-1611-1G0	NO	G
108-1611-1H0	NO	H
108-1611-1O0	NO	NO KEY

**TABLE 2 - RAF GUIDE MODULE, 6 PAIR W/O POST**

PART NUMBER	GROUND CONTACT	KEY POSITION
108-1611-2A1	YES	A
108-1611-2B1	YES	B
108-1611-2C1	YES	C
108-1611-2D1	YES	D
108-1611-2E1	YES	E
108-1611-2F1	YES	F
108-1611-2G1	YES	G
108-1611-2H1	YES	H
108-1611-2O1	YES	NO KEY
108-1611-2A0	NO	A
108-1611-2B0	NO	B
108-1611-2C0	NO	C
108-1611-2D0	NO	D
108-1611-2E0	NO	E
108-1611-2F0	NO	F
108-1611-2G0	NO	G
108-1611-2H0	NO	H
108-1611-2O0	NO	NO KEY

**TABLE 3**

POSITION	X° ±3°	ORIENTATION
A	90	
B	45	
C	0	
D	45	
E	90	
F	45	
G	0	
H	45	
NO KEY	N/A	



**RAF GUIDE MODULE WITH POST**

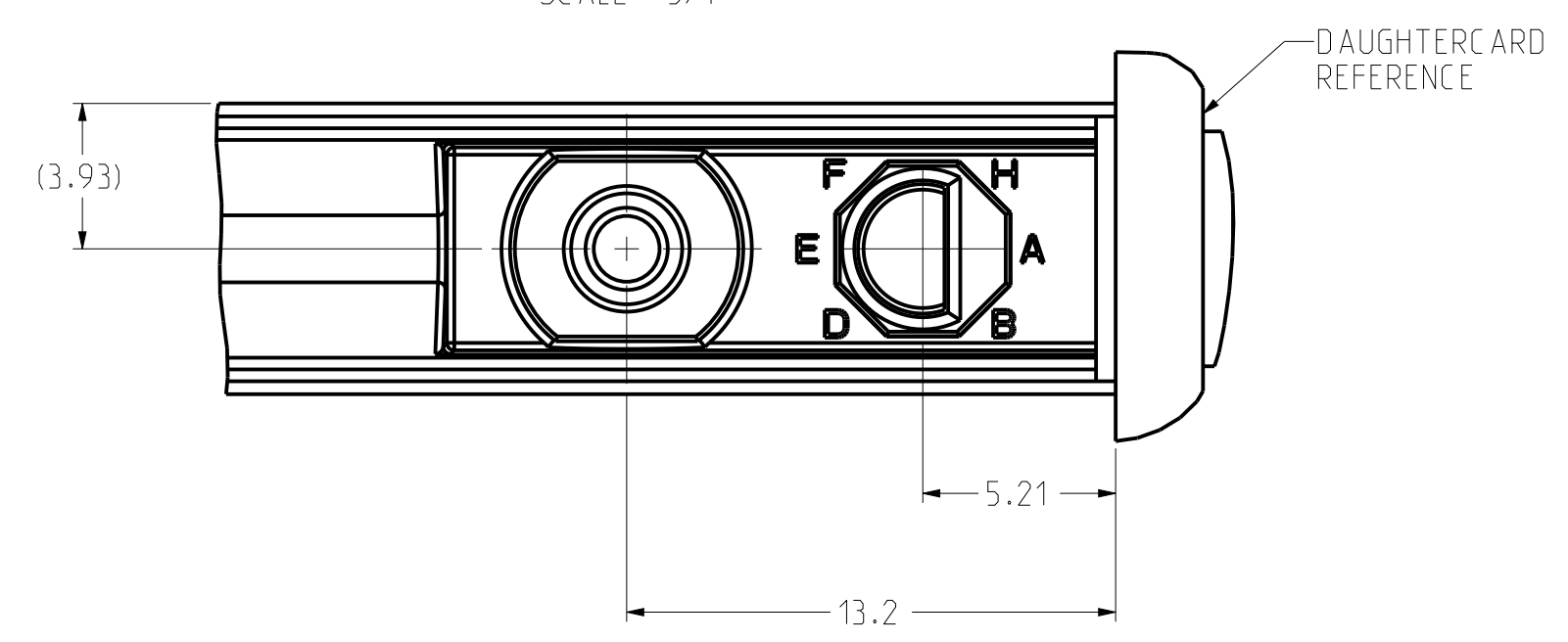
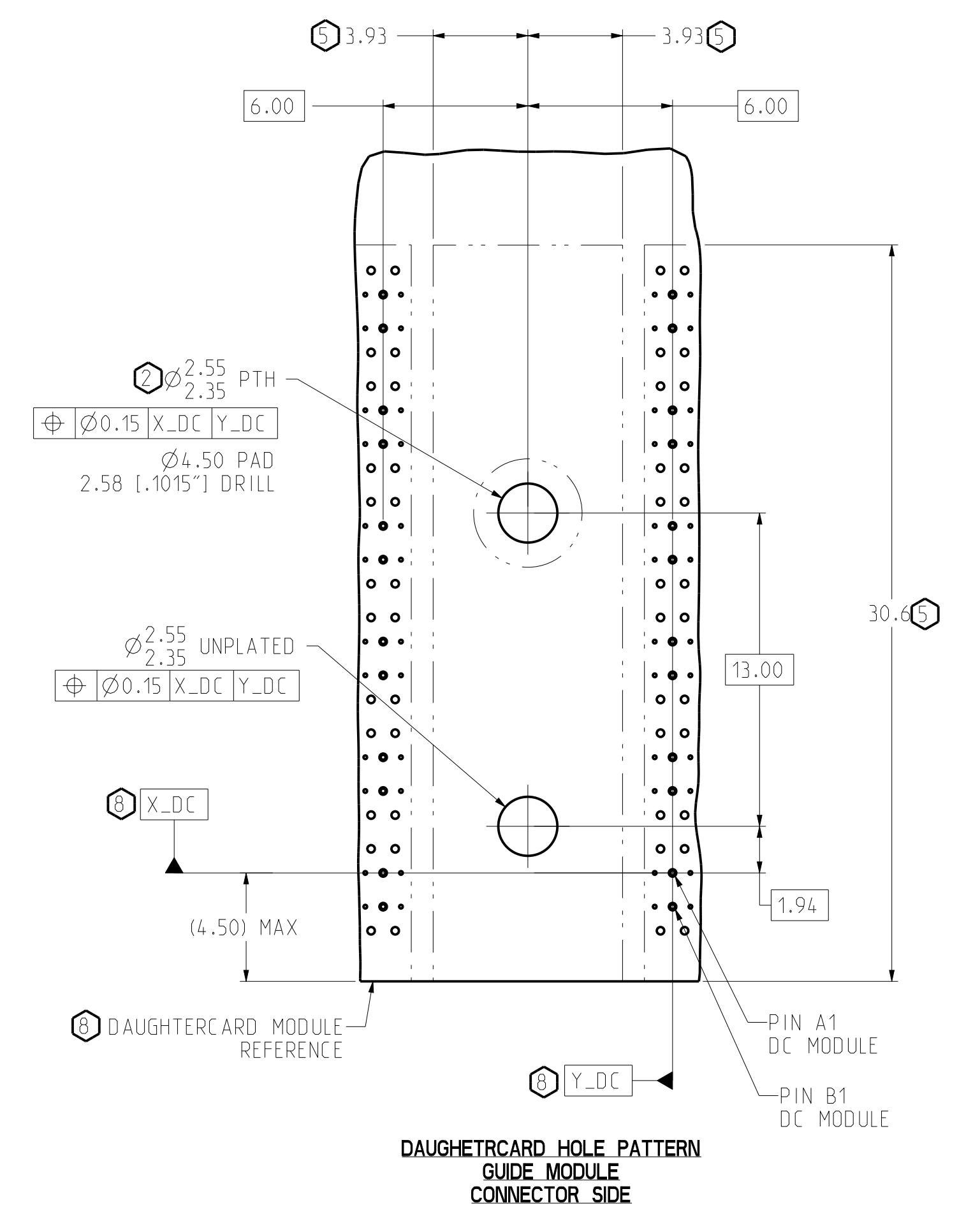
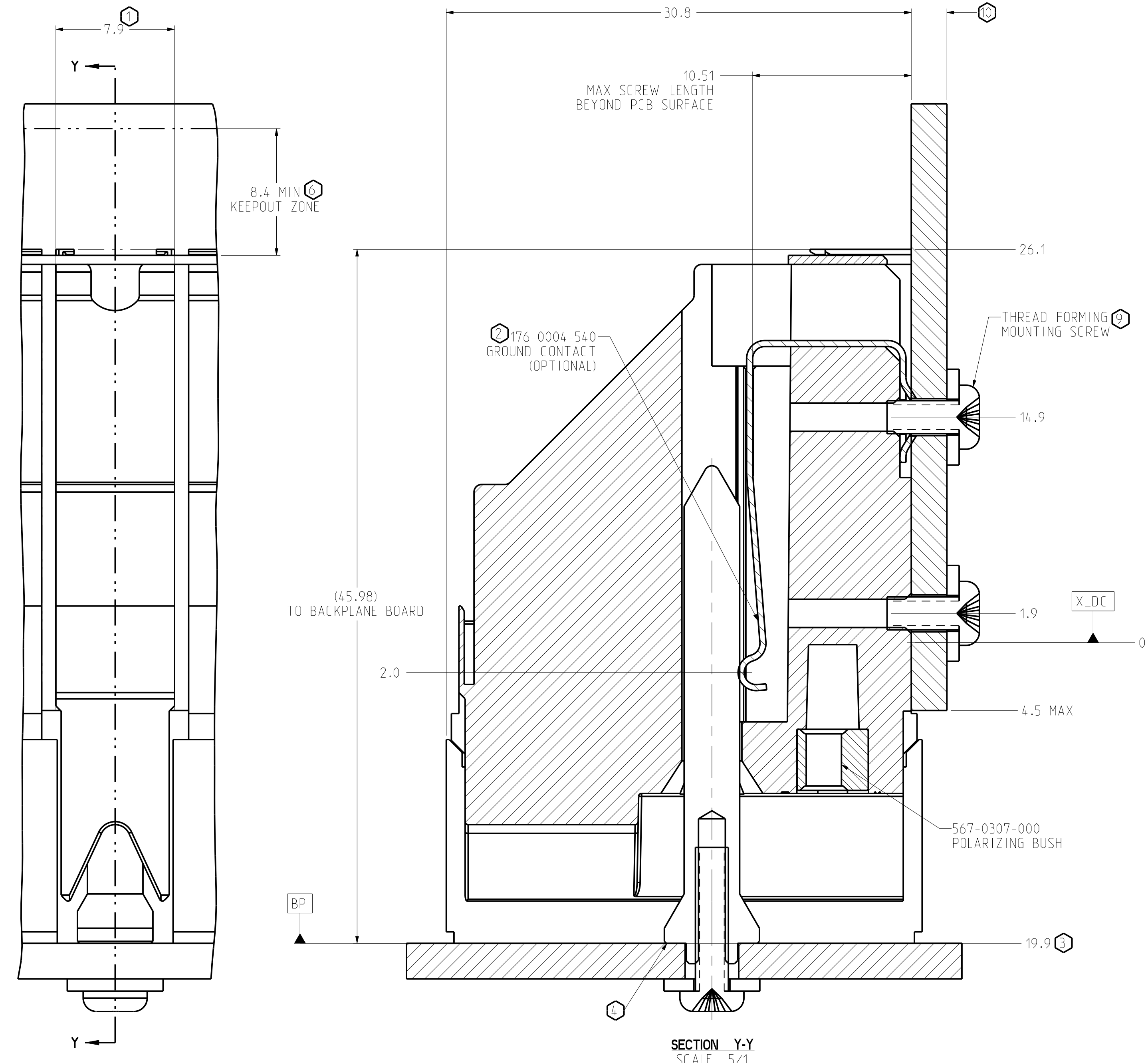
- NOTES:
- USE 7.9 NOMINAL FOR DAUGHTERCARD LAYOUT.
  - PLATED THROUGH HOLE TO CONNECT TO CHASSIS FOR FIRST MATE GROUND OPTION THROUGH GUIDE PIN. SEE TB2322 FOR ROUTING GUIDELINES. USE UNPLATED THROUGH HOLE FOR UNGROUNDED MODULE.
  - NOMINAL DIMENSION FOR FULLY SEATED CONNECTOR.
  - FOR MATING GUIDE PIN DETAIL AND LOCATION, SEE: DRAWING C564-0469-500 FOR STANDALONE GUIDE PIN OR DRAWING C131-60XX-500 FOR MODULE MOUNTED GUIDE PIN. DRAWING C133-6000-500 FOR DO MOUNTED GUIDE PIN.
  - NO SURFACE TRACES IN KEEP-OUT ZONE.
  - FOR CONNECTOR REPAIRABILITY, USE KEEP OUT ZONE.
  - SEE TB-XXXX FOR BOARD WEIGHT LIMITATIONS.
  - REFER TO C130-6X00-500 FOR SIGNAL CONNECTOR DETAIL.
  - SCREW LENGTH AND PART NUMBER ARE DEPENDENT ON DAUGHTERCARD THICKNESS (AS SPECIFIED FROM CONFIGURATOR).
  - REFER TO ROUTING GUIDELINES FOR MIN PCB THICKNESS.

TOLERANCES		DESIGN 12/12/2016 M.RECEPUTO	<p><b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03062 603.879.3000</p> <p>TITLE RAF GUIDE MODULE, 6 PAIR PALADIN</p> <p>PART NO. SEE TABLE 1-2</p> <p>DRAWING NO. C-108-1611-500</p> <p>SCALE D SCALE 5/1</p>	SH 1
0.0	±0.25	DRAWN 12/12/2016 HCL-ST		REV 1.0
0.00	±0.13	CHK 12/12/2016 J.DUNHAM		
0.000	± -	APVD 12/12/2016 J.DUNHAM		
ANGLES ± 3°		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD.		
CODE IDENT 31413		CUSTOMER USE DRAWING		
		PART NO. SEE TABLE 1-2		REV N/A
		DRAWING NO. C-108-1611-500		REV 1.0
		PART Q1221-6PR-DC-GUIDE-PCB_W_POST		0.0
		DRAWING Q1221-6PR-GUIDE-CU		0.1
		SHEET 1 OF 2		

DRW NO. C-108-1611-500

SH 1 REV 1.0

ZONE	REV	SCR NUMBER	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



**RAF GUIDE MODULE WITHOUT POST**

TOLERANCES		DESIGN 12/12/2016 M.RECEPUTO	<b>Amphenol TCS</b> A Division of Amphenol Corporation 200 Innovative Way, Nashua, NH 03082 603.879.3000	TITLE	RAF GUIDE MODULE, 6 PAIR PALADIN
0.0	±0.25	DRAWN 12/12/2016 HCL-ST		PART NO.	SEE TABLE 1-2
0.00	±0.13	CHK 12/12/2016 J.DUNHAM		DRAWING NO.	C-108-1611-500
0.000	± -	APVD 12/12/2016 J.DUNHAM		PART Q1221-6PR-DC-GUIDE-PCB-WO-POST	0.0
ANGLES	± 3°			DRAWING Q1221-6PR-GUIDE-CU	0.1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM. DECIMAL MARKER IS A PERIOD

INTERPRET PER ASME Y14.5M  
CODE IDENT 314.13

**CUSTOMER USE DRAWING**

REV	N/A
REV	1.0
SCALE	5/1
SHEET	2 OF 2