

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		REV PER ECO-06-005380	14MAR2006	BC	GG
		B		REV PER ECO-08-023009	17SEP2006	RT	GG

- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE
- 2 CONTACT: 0.76µm MIN GOLD IN PAD CONTACT AREA,
1.27µm MIN TIN-LEAD ON PCB TAIL
OVER 1.27µm MIN NICKEL OVER ALL.
POST 1.27µm MIN NICKEL PLATED.
- 3 MANUFACTURING TOLERANCE FOR Ø0.46± 0.05
DIAMETER FINISHED HOLEWITH SnPB PLATING:

DRILLED HOLE = Ø0.55±0.02
COPPER PLATING = 0.025-0.050
Sn PB PLATING = 0.0038-0.0124

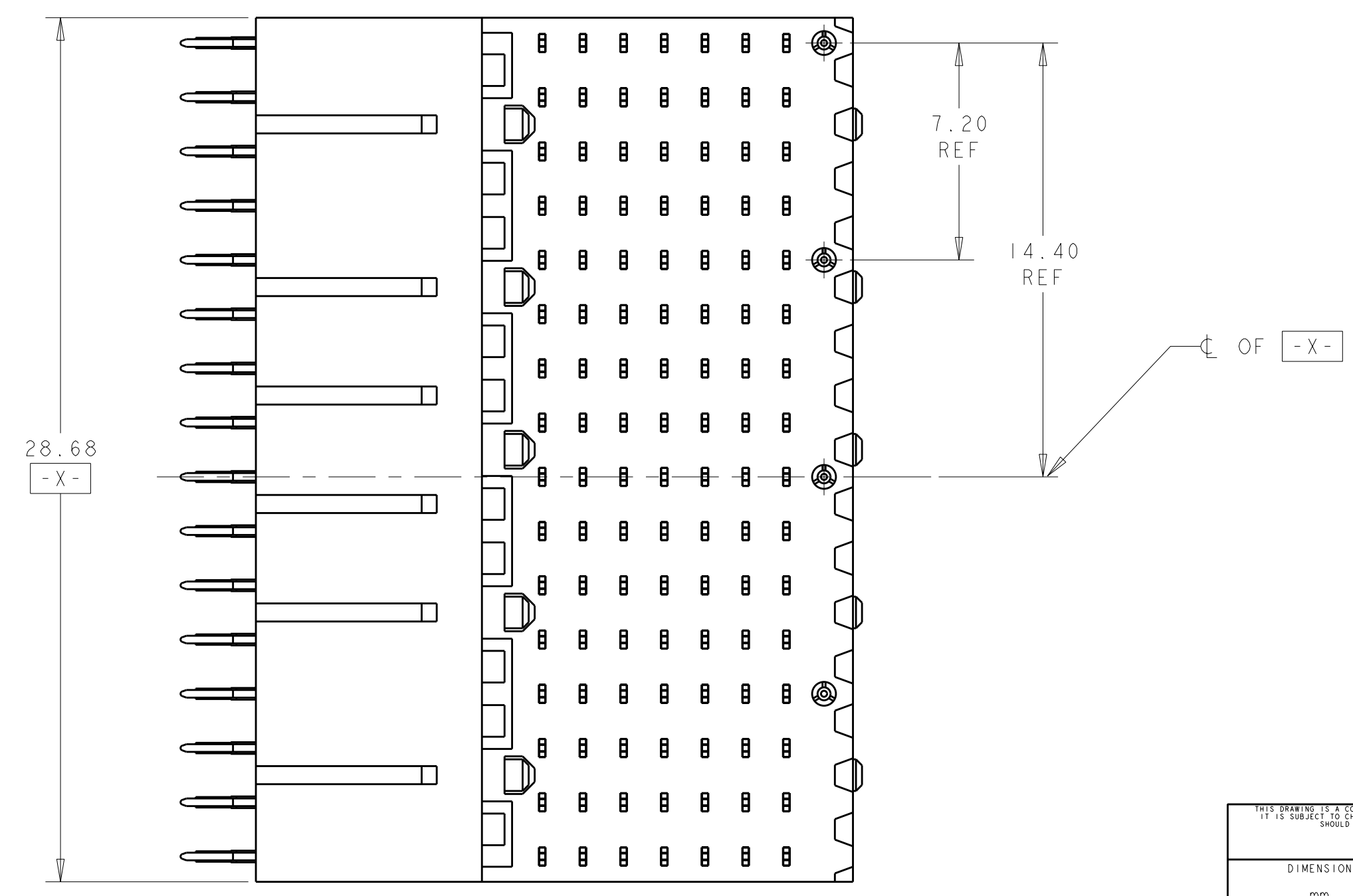
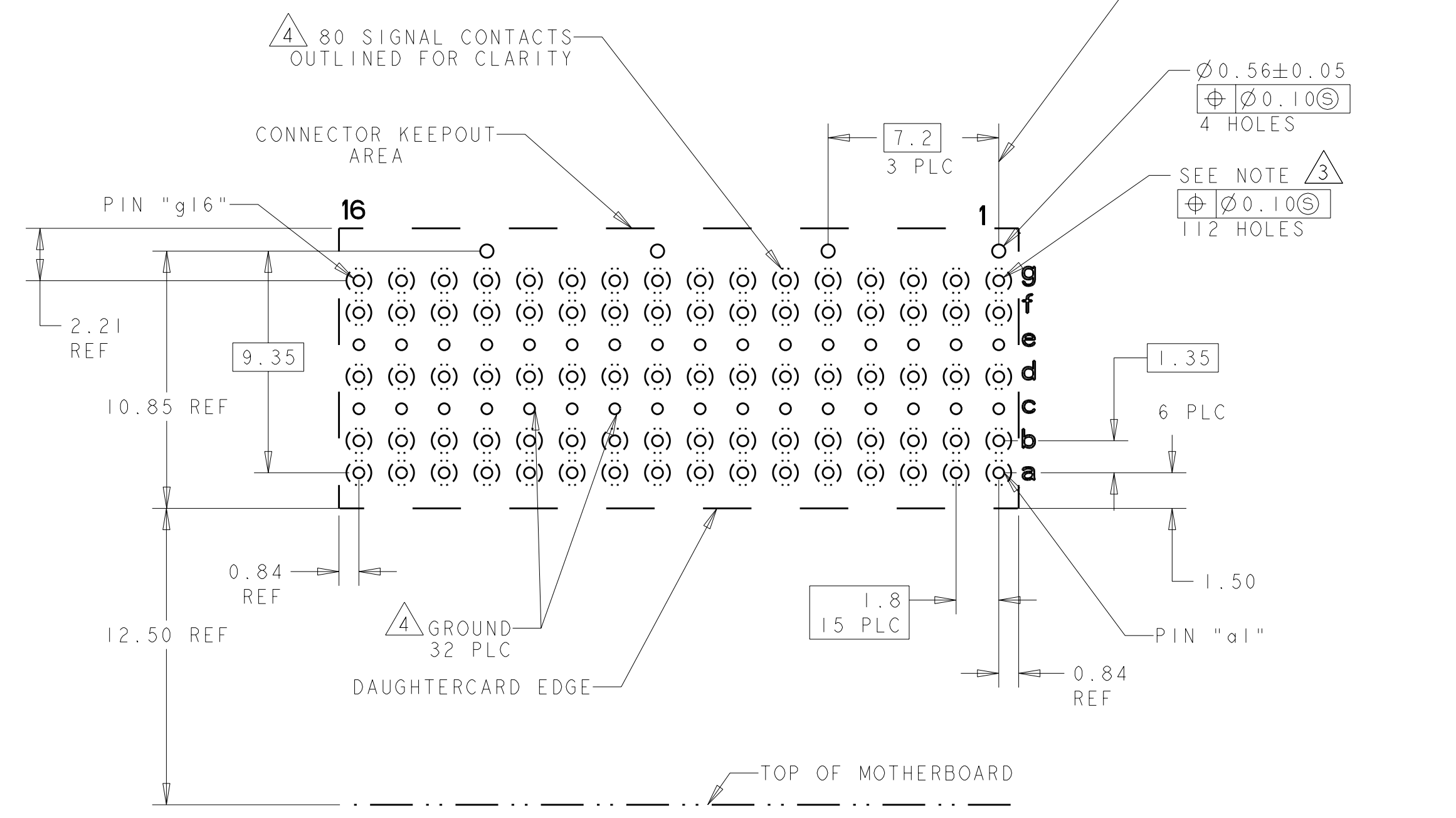
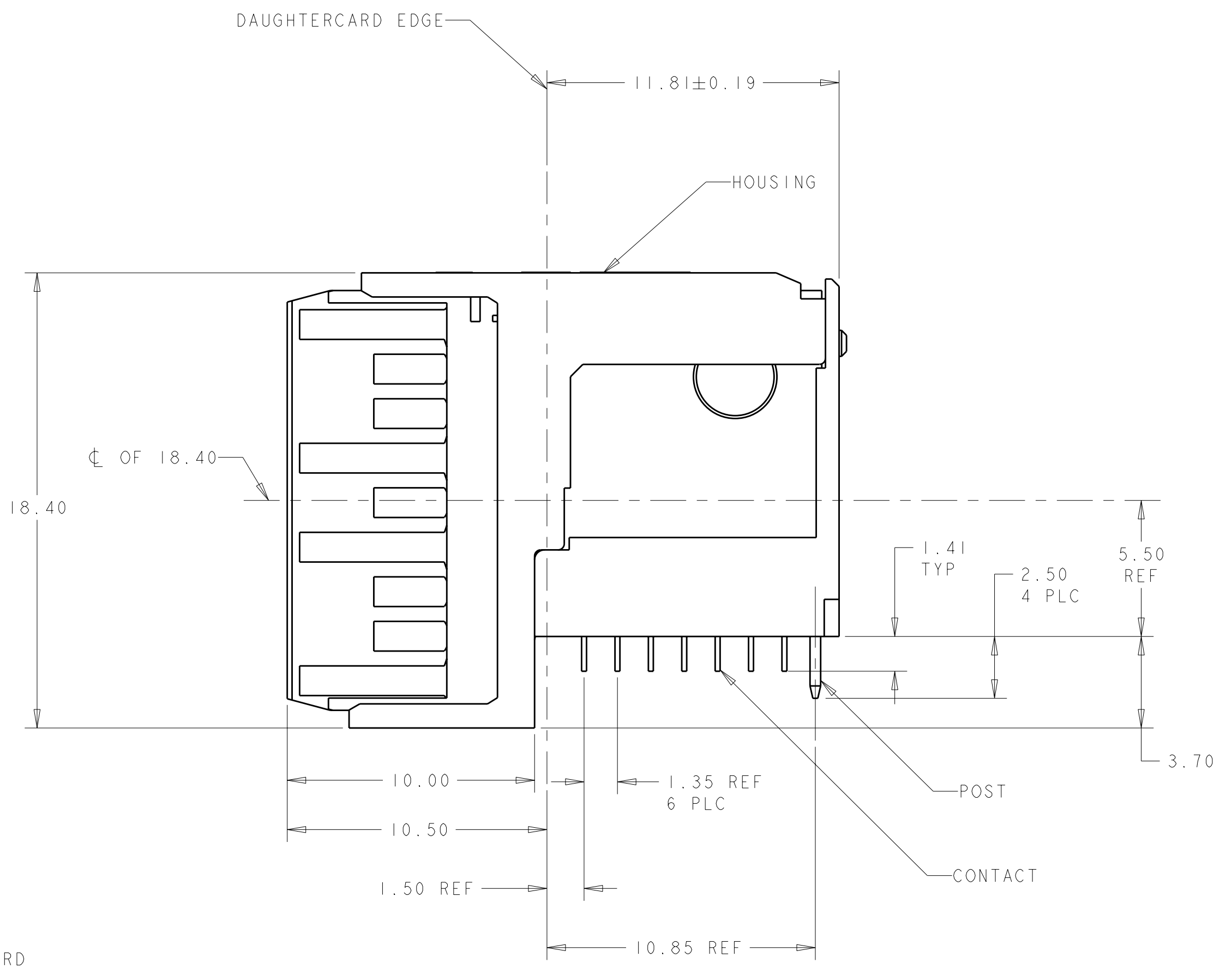
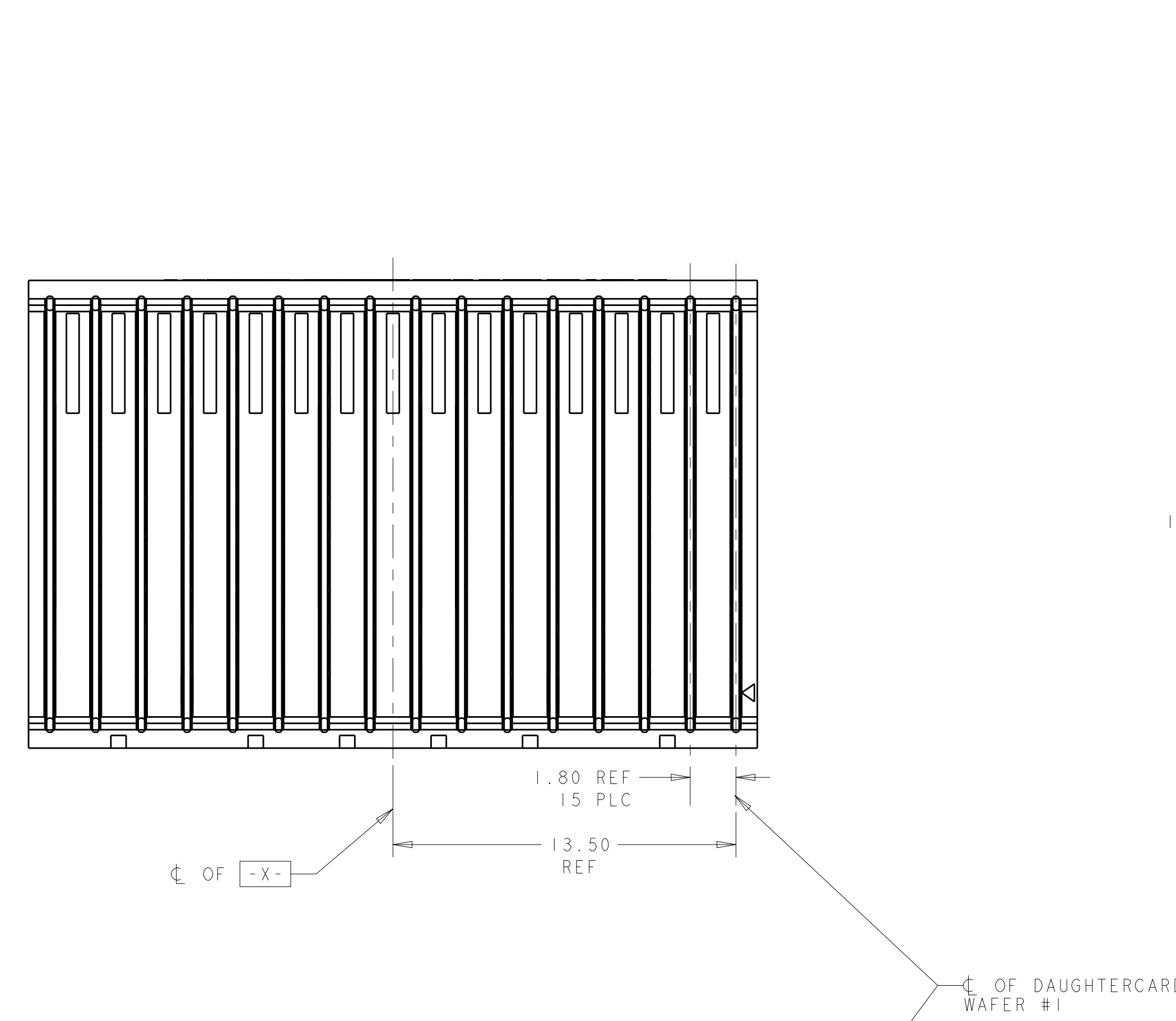
OR MANUFACTURING TOLERANCE FOR Ø0.475± 0.05
DIAMETER FINISHED HOLE WITHOUT SnPB PLATING:

DRILLED HOLE = Ø0.55±0.02
COPPER PLATING = 0.025-0.050
- 4 SEE TABLE 1 FOR INTERCONNECTIONS TO
BACKPLANE CONNECTOR.
- 5 CONTACT: 0.76µm MIN GOLD IN PAD CONTACT AREA,
CONTACT: 1.27µm MIN TIN ON PCB TAIL
OVER 1.27µm MIN NICKEL OVER ALL.
POST 1.27µm MIN NICKEL PLATED.
- 6 CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA,
1.27µm MIN TIN-LEAD ON PCB TAIL
OVER 1.27µm MIN NICKEL OVER ALL.
POST 1.27µm MIN NICKEL PLATED.

TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410140

TYPICAL INTERCONNECTIONS FOR EACH COLUMN (WAFER): 1-16		
CONTACT USAGE	DAUGHTERCARD CONNECTOR PIN	BACKPLANE CONNECTOR PIN
SIGNAL	ax	bx
SIGNAL	bx	cx
SIGNAL	dx	ex
SIGNAL	fx	gx
SIGNAL	gx	hx
GROUND	cx, ex, (ALL COMMONED)	ax, dx, fx, ix

NOTE: "x" DESIGNATES THE COLUMN NUMBER

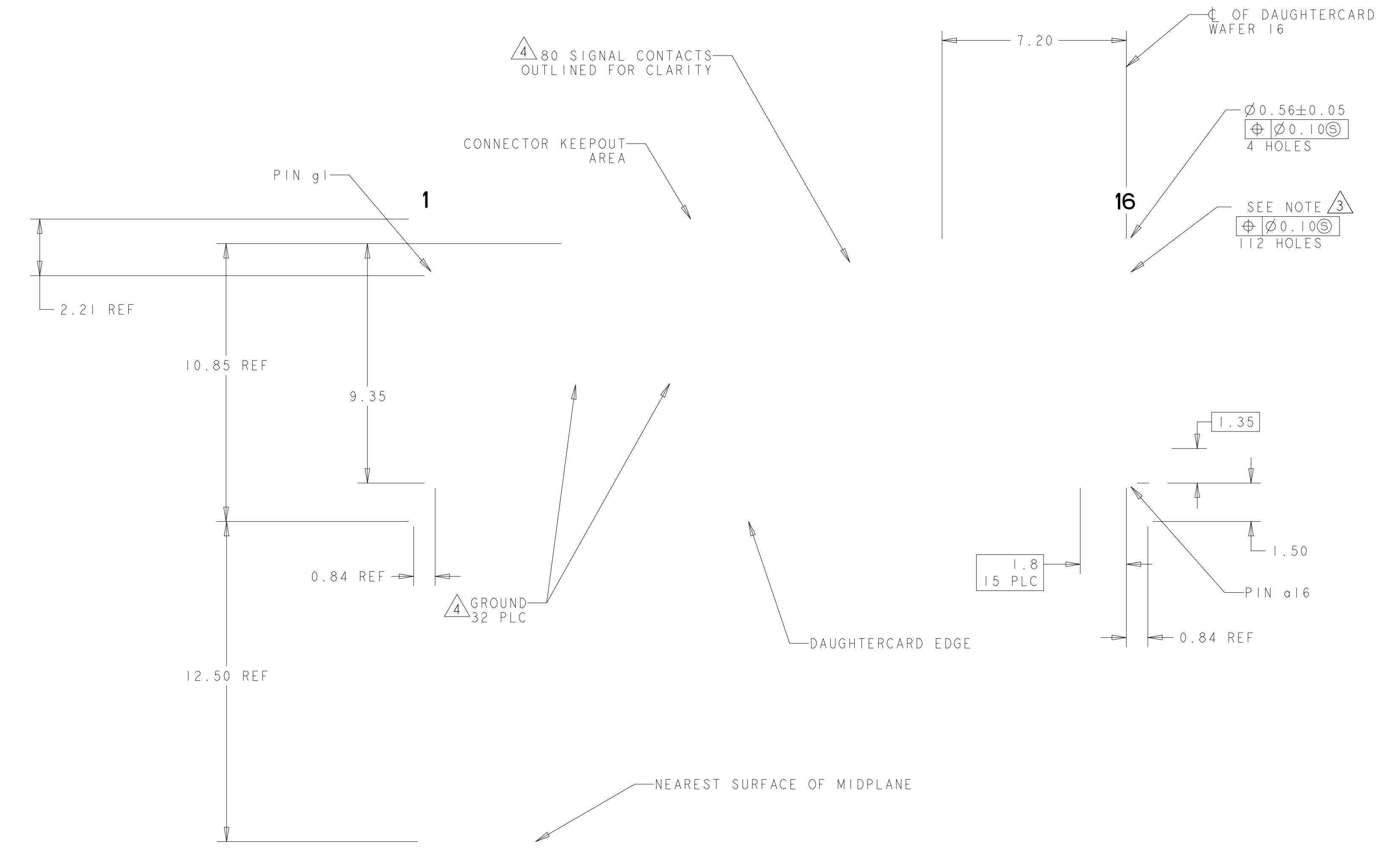


PC BOARD LAYOUT
(CONNECTOR SIDE)
SEE SHEET 2 FOR RTM
SCALE 5:1

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 1 PLC ±0.5 5 PLC ±0.13 4 PLC ± ANGLES ±1°		DWN: L. SIPE 01JUN2004 CHK: J. CONSOLI 01JUN2004 APVD: G. GRIFFITH 14MAR2006 PRODUCT SPEC: 108-2072 APPLICATION SPEC: MultiGig RT2, DAUGHTERCARD CONNECTOR SIZE: 114-13056 WEIGHT: - FINISH: SEE TABLE		Tyco Electronics Harrisburg, PA 17105-3608 NAME: RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER, 20.3mm, SINGLE ENDED, MultiGig RT2, DAUGHTERCARD CONNECTOR SIZE: A11 00779 CAGE CODE: C=1410190 CUSTOMER DRAWING	
MATERIAL:		SCALE: 5:1		SHEET: 1 OF 2		REV: B	

LOC	DIST	REVISIONS			
P	LTB	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

REAR TRANSITION MODULE APPLICATION



PC BOARD REAR TRANSITION MODULE
 SCALE 8:1

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DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ± 4 PLC ± ANGLES ±1°	PRODUCT SPEC 108-2072 APPLICATION SPEC 114-13056 WEIGHT -	NAME RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER, 20.3mm, SINGLE ENDED, MultiGig RT2, DAUGHTERCARD CONNECTOR SIZE CAGE CODE DRAWING NO A 00779 C-1410190 RESTRICTED TO -
MATERIAL	SEE TABLE	CUSTOMER DRAWING	SCALE 5:1 SHEET 2 OF 2 REV B