

MODEL# :1197-1-000-XX

MOTOR SPECS
WHEN USED WITH MAGNET TRACK ASSYS:

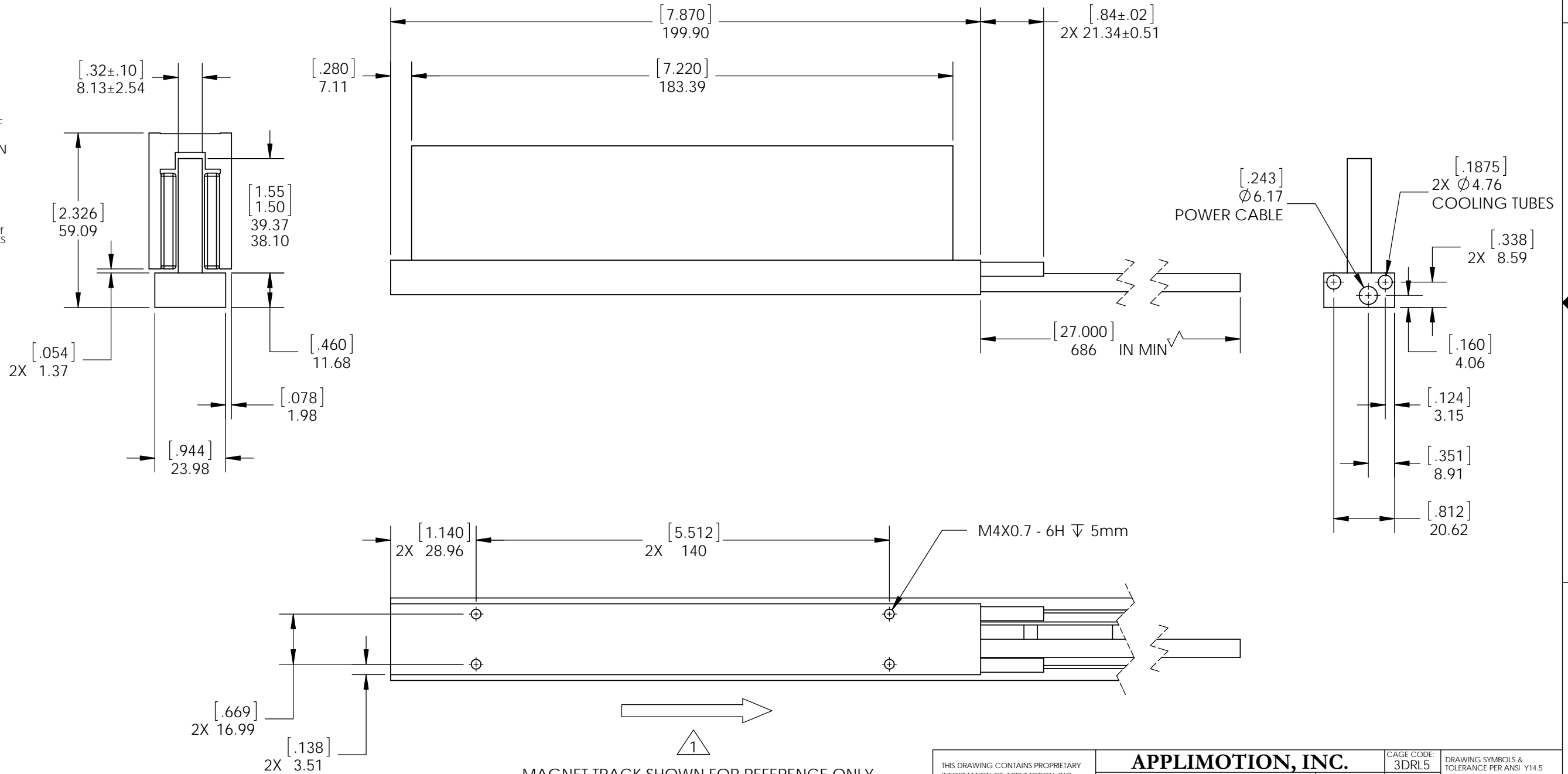
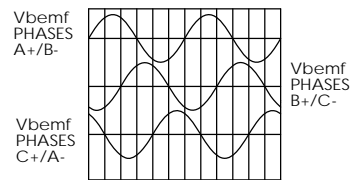
1197-1-096-10
1197-1-096-11
1197-1-096-12

Res: 5.3 (±10%) OHM
Ke: 14.0 (±10%) Vrms x Sec/M (19.9 Vp x Sec/M)
Kf: 5.4 (±10%) LBF/Arms
L: 2.7 mH (+/- 25%)
MAGNETIC PITCH: 30MM

POWER LEADS: 22AWG FLYING LEADS
LEAD LENGTH: 24" MIN

BLK - PHASE A
RED - PHASE B
WHT - PHASE C
GRN - GND
DRAIN WIRE - SHIELD

1
PHASE RELATION OF BACK EMF
PHASE-TO-PHASE VOLTAGES
WHILE TRANSLATING FORCER IN
INDICATED DIRECTION



DRAFT

MAGNET TRACK SHOWN FOR REFERENCE ONLY

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DWG. NO: 1197-1-095-10	PROJECT: 1197	TITLE: FORCER INTERFACE		THIRD ANGLE PROJECTION:	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:
DRAWN BY: RJA	CHECKED BY: JTE	COG ENGINEER: DML	SCALE: NTS	SHEET: 1 of 1	DECIMALS LINEAR ANGULAR
6/2/2016	5/2/2016	6/2/2016		SEE NOTES	X ±0.20 ±1° XX ±0.10 ±0.2° XXX ±0.05 ±0.01°

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NOTES:

1. MAGNETS TO BE ELECTROLYTIC NICKEL PLATED TO MEET HAST 130°C, 95%, 2.6 BAR, MAGNET GRADE: VACODYM 4317.

2. MAGNET S SHALL NOT EXCEED THE OUTER PROFILES OF THE TRACK.

3. IF INSTALLING MULTIPLE LENGTHS OF MAGNET TRACKS, ENSURE THAT THE DOT PATTERNS ARE PROPERLY ALIGNED

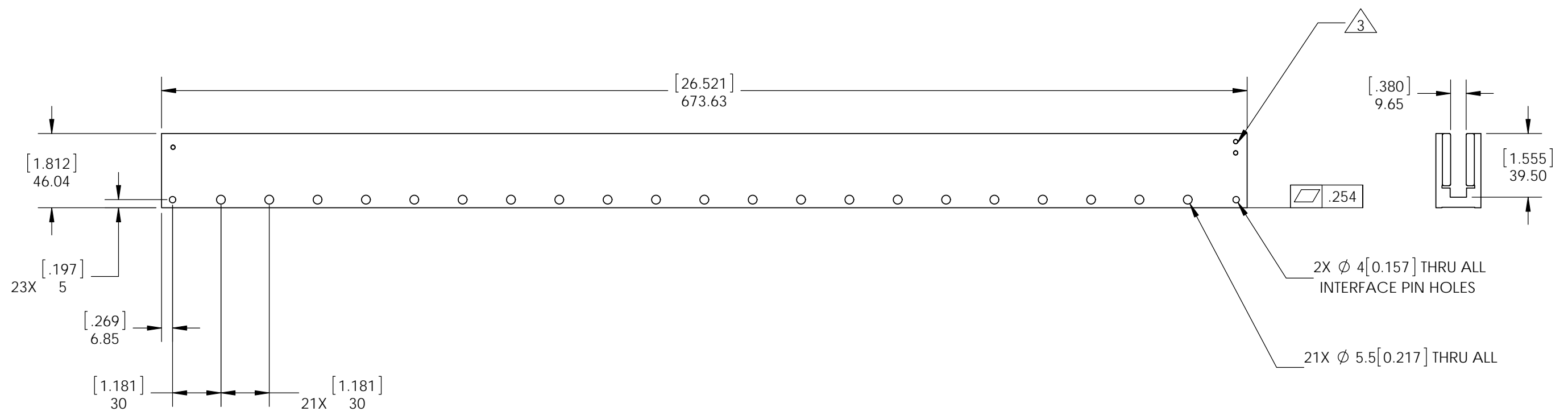
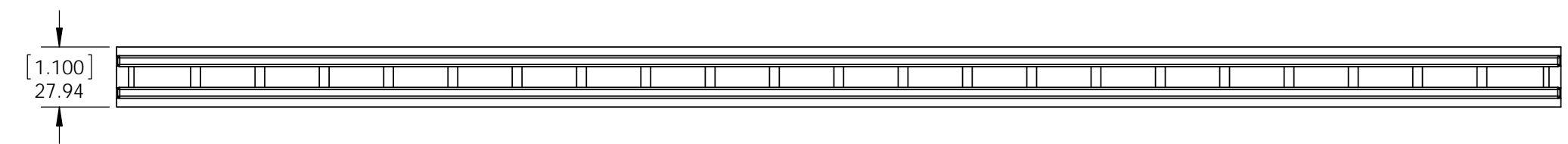
FOR EXAMPLE:
THE SIDE WITH 2 DOTS MUST BE INSTALLED TO THE SIDE OF THE ADJACENT TRACK WITH 2 DOTS AS WELL.

4. THE RECOMMENDED INTERFACE FOR MULTIPLE TRACKS OF DIFFERENT LENGTHS SHOULD HAVE A HOLE, OR GENERIC INTERFACING FEATURE EVERY 15mm TO ENSURE PROPER ALIGNMENT.

THE POSITION OF THE INTERFACE PIN HOLES SHOULD BE NOTED WHEN DEFINING THE INTERFACE FEATURES WITHIN THE 15mm PATTERN.

REV.	DCN:	DESCRIPTION OF CHANGE:	DATE:	SIGN

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2X Ø 4 [0.157] THRU ALL INTERFACE PIN HOLES

21X Ø 5.5 [0.217] THRU ALL

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DWG. NO. 1197-1-096-10	PROJECT: 1197	SHEET 1 of 1		THIRD ANGLE PROJECTION:	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE:
TITLE: MAGNET TRACK INTERFACE	DRAWN BY: RJA	CHECKED BY: JTE	COG ENGINEER: DML	SCALE: NTS	DECIMALS LINEAR ANGULAR
DATE: 6/9/2016	DATE: 6/9/2016	DATE: 6/9/2016	UNITS: INCH	SURFACE FINISH: SEE NOTES	X ±0.020 ±1°
					XX ±0.010 ±0.2°
					XXX ±0.005 ±0.01°

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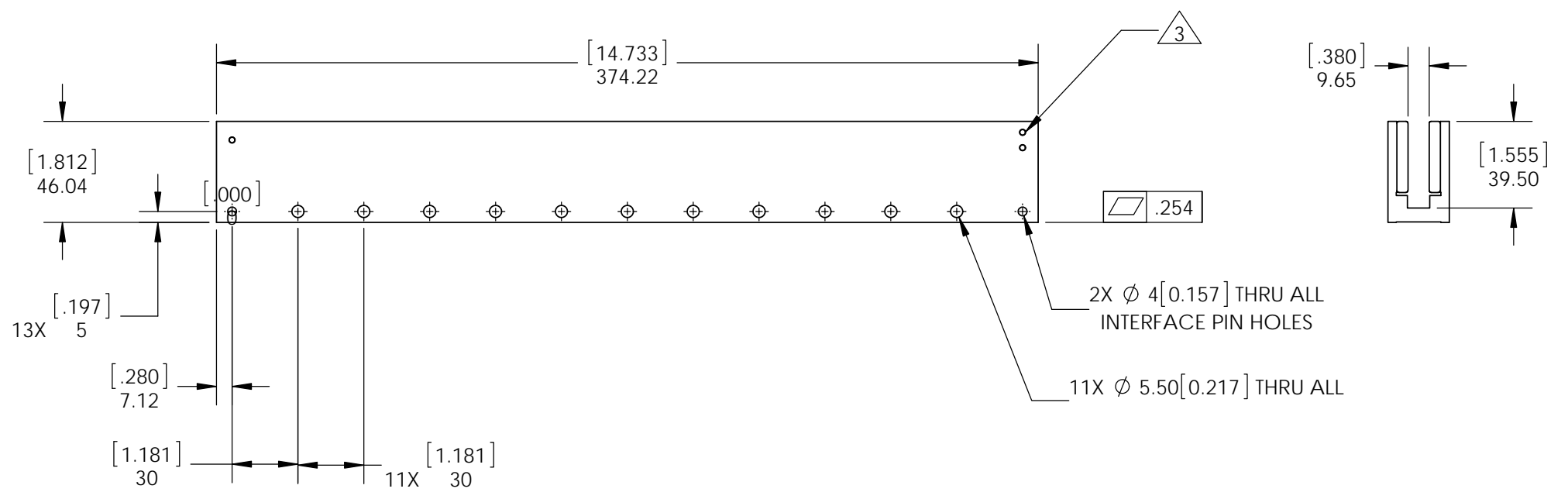
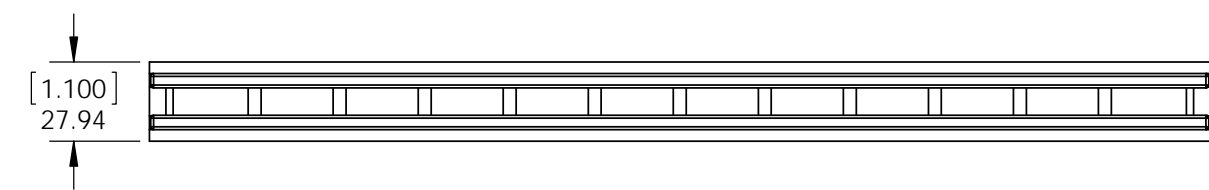
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