

MODEL# :1198-1-000-10

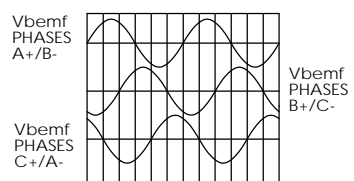
MOTOR SPECS
WHEN USED WITH MAGNET TRACK ASSY 1198-1-096-10

Res: 7.1 (±10%) OHM
Ke: 19.2 (±10%) Vrms x Sec/M (27.2 Vp x Sec/M)
Kf: 7.4 (±10%) LBF/Arms
L: 4.0 mH (+/- 25%) (TBR)
MAGNETIC PITCH: 30mm

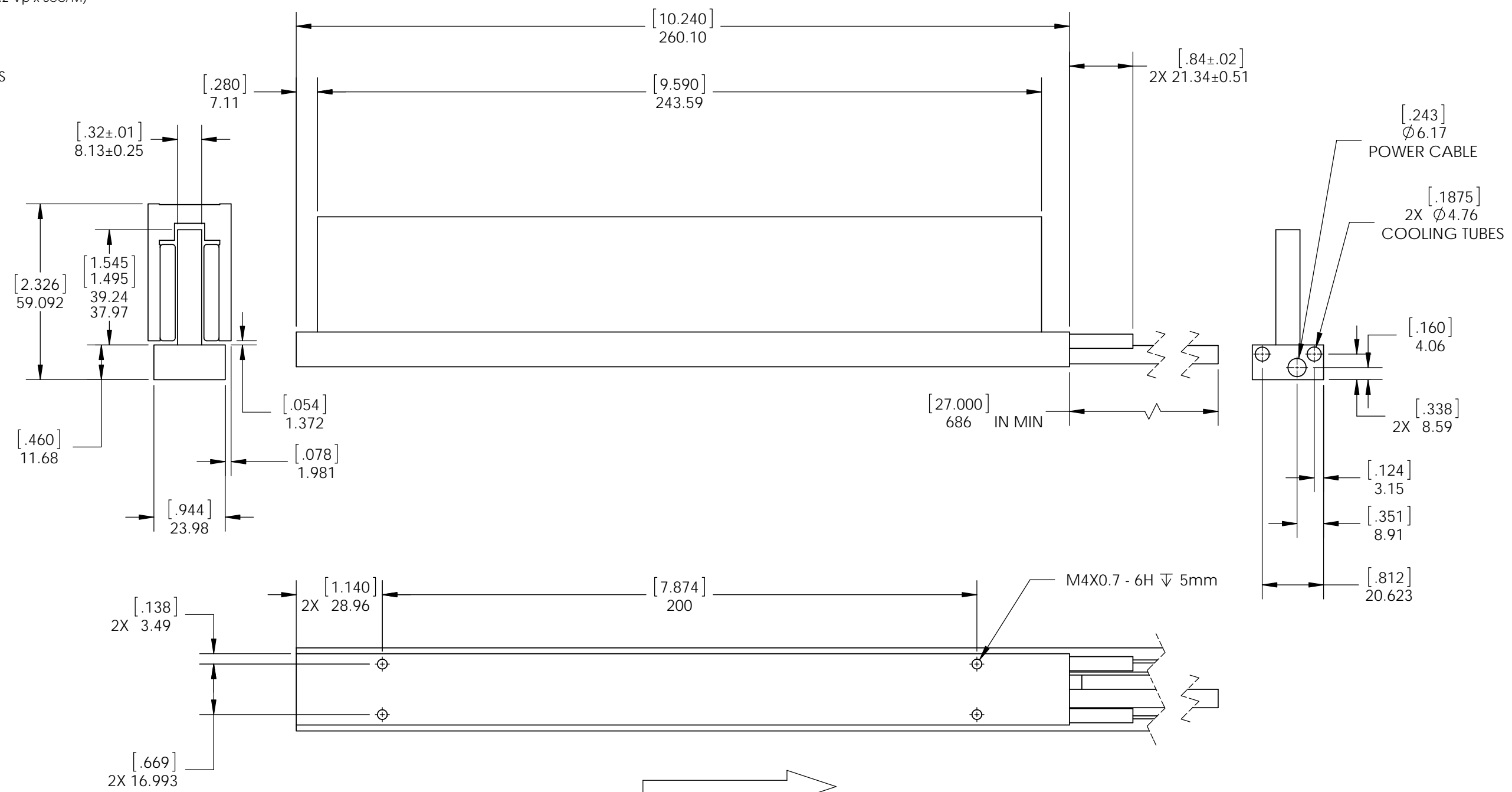
POWER LEADS: 22AWG FLYING LEADS
LEAD LENGTH: 24" MIN

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



REV.	DCN:	DESCRIPTION OF CHANGE:	DATE:	SIGN
		DRAFT		



1
MAGNET TRACK SHOWN FOR REFERENCE ONLY

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DWG. NO. 1198-1-095-10	PROJECT: 1198	THIRD ANGLE PROJECTION:		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:	
TITLE: FORCER INTERFACE		SHEET 1 of 1		DECIMALS LINEAR ANGULAR	
DRAWN BY: RJA	CHECKED BY: JTE	COG ENGINEER: DML	SCALE: NTS	X ±0.20 ±1° XX ±0.10 ±0.2° XXX ±0.05 ±0.01°	
6/2/2016	5/2/2016	6/2/2016		SEE NOTES	

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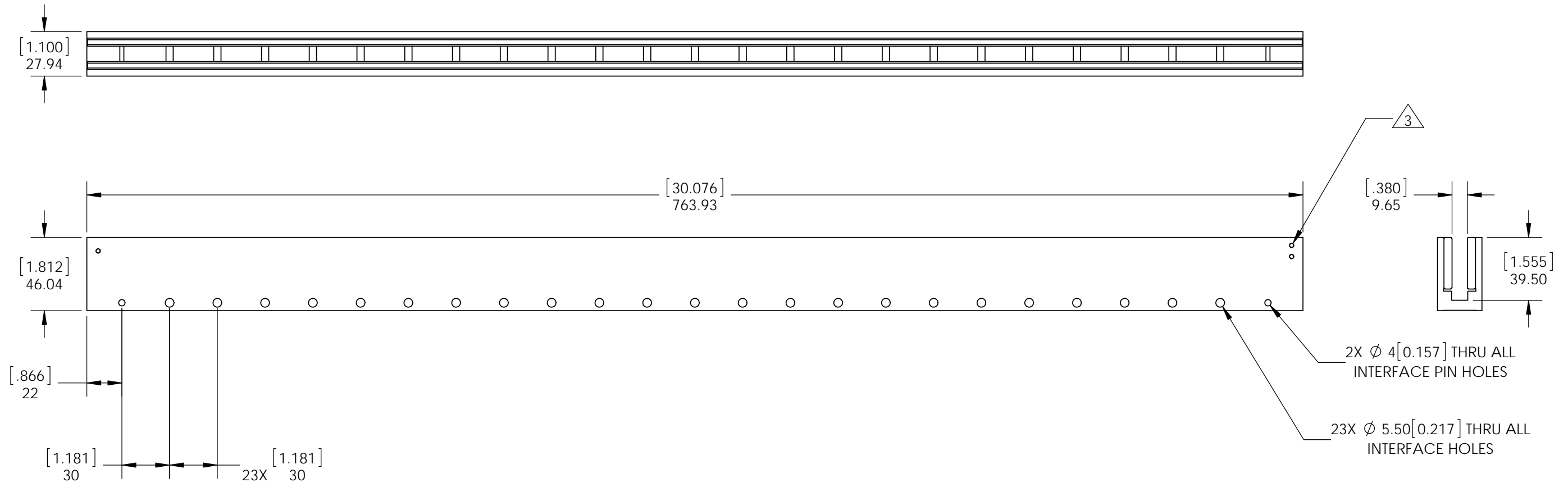
NOTES:

- 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.

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DWG. NO: 1198-1-096-10	PROJECT: 1198	TITLE: MAGNET TRACK INTERFACE		THIRD ANGLE PROJECTION:	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE:
DRAWN BY: RJA	CHECKED BY: JTE	COG ENGINEER: DML	SCALE: N/A	SHEET: 1 of 1	DECIMALS LINEAR ANGULAR X ±0.020 ±1° XX ±0.010 ±0.2° XXX ±0.005 ±0.01°
DATE: 6/9/2016		DATE: 6/9/2016	DATE: 6/9/2016	SURFACE FINISH: SEE NOTES	

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