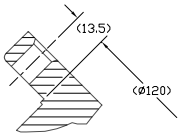
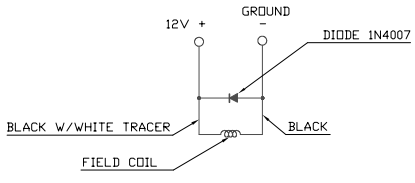
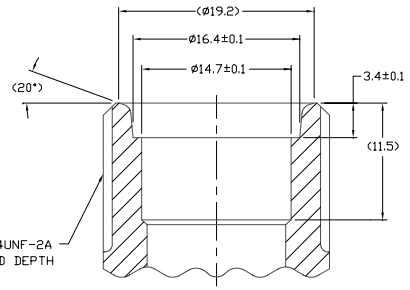
PDCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
	A		INITIAL RELEASE REF. DRW: A06TD-6000 REV A.				



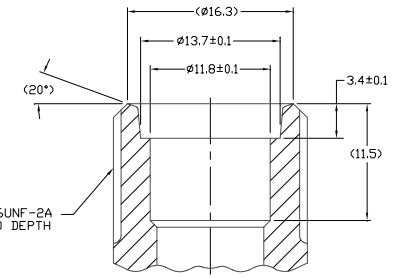
SECTION A-A
8 PLCS



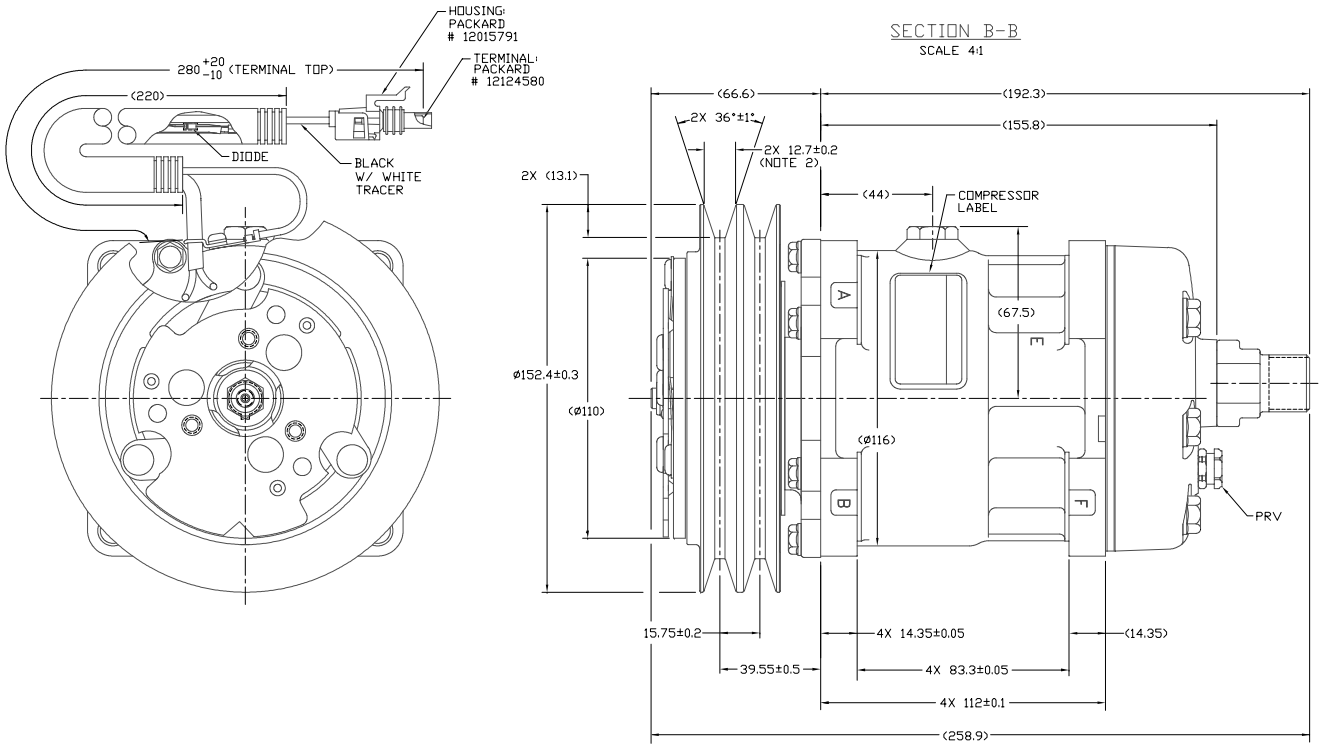
CIRCUIT DIAGRAM



SECTION B-B
SCALE 4:1



SECTION C-C
SCALE 4:1



COMPRESSOR SPECIFICATIONS (REF)

DISPLACEMENT PER REVOLUTION	154.9 cc / rev. (9.5 cu.in. / rev.)
MAXIMUM ALLOWABLE SPEED	8000 R.P.M.
MAXIMUM ALLOWABLE CONTINUOUS SPEED	6000 R.P.M.
REFRIGERANT	R134a
OIL (SP-15)	135 cc (4.56 fl.oz.)
WEIGHT	8.82 kg

CLUTCH SPECIFICATIONS (REF)

RATED VOLTAGE	DC 12V
BREAKAWAY TORQUE	3.5 kgf-m MIN. @ 12V
MINIMUM ENGAGEMENT VOLTAGE	7.5V @ AIR GAP 0.6mm
POWER CONSUMPTION	43 watts max.
BELT TYPE	A TYPE
MAXIMUM ALLOWABLE BELT TENSION	60 kgf per belt
PULLEY DIAMETER	Ø152 mm (5.98 in.)
CLUTCH TYPE	HEAVY DUTY

NOTE:
1. SHIPPING CAPS NOT SHOWN.
2. DIMENSIONS ARE TO VIRTUAL SHARP CORNERS UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE

REV. LEVEL	RELEASED FOR: ENG'G REVELOPMENT	
A	DSGN	Christy Wolff
	DWN	Dennis Lee 9/26/06
	CHK	DRL
	APPV	CW for NB
	APPV DATE	10/5/06
REV. LEVEL	RELEASED FOR: DESIGN VALIDATION	
A	DSGN	Christy Wolff
	APPV	CW for NB
	APPV DATE	10/5/06
REV. LEVEL	RELEASED FOR: PRODUCTION VAL'D.	
A	DSGN	Christy Wolff
	APPV	CW for NB
	APPV DATE	10/5/06
REV. LEVEL	RELEASED FOR: PRODUCTION	
A	DSGN	Christy Wolff
	APPV	Edward Arrieta
	APPV DATE	1/31/07

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DRAWN SCALE REF 1:1 | PLOTTED SCALE REF 1:1 | METRIC

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INTERPRETATION OF THIS DRAWING PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION | SIZE D

MATERIAL:

NAME: COMPRESSOR

DWG. NO. 4807-6000 | REV. A