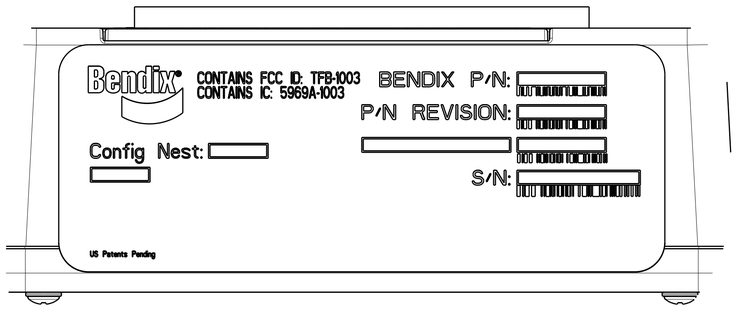
BENDIX PART NO.	NAVISTAR PART NO,	VARIATION	SOFTWARE	SAFETY DIRECT	FUSION
KII9916R000	4324407C91	SDP5C	K248084	YES	2.X
KII8816R000	4324408C91	SDP5C	K248084	NO	2.X
KII9918R000	4392040C91	SDP5 BASE	K248084	YES	2.X
KII9917R000	4310935C91	SDP5 BASE	K249703	YES	3.0

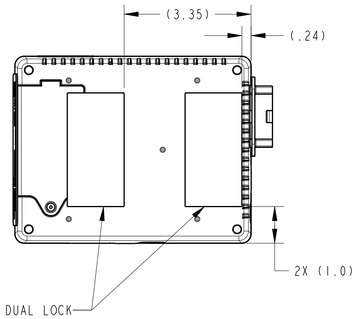
DWG NO	Z273007	SH 1	REV 002

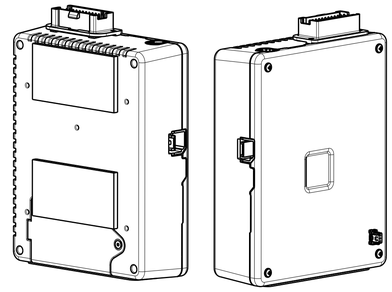
REVISION HISTORY

ZONE	REV	DESCRIPTION	ENGINEER	DATE	CHANGE NO.
D-8	002	PART NUMBER KII9917R000 HAS BEEN ADDED.	KHALID	2024MAR04	CR0070149

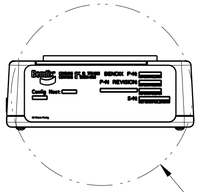


DETAIL B
LABEL
SCALE 2:1

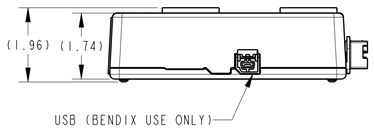




ISOMETRIC VIEW
FOR REFERENCE ONLY

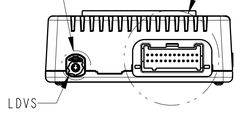


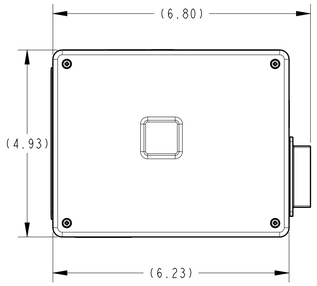
SEE DETAIL B



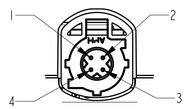
SEE DETAIL C

SEE DETAIL A





CONNECTOR HSD-NXSP-PCB-3X AMPHENOL

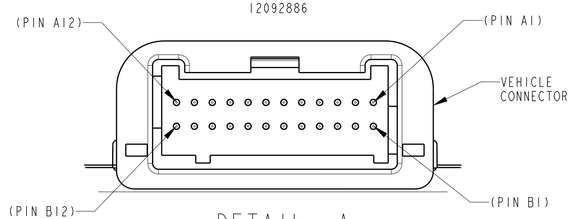


DETAIL C
SCALE 2:1

VEHICLE CONNECTOR

CONNECTOR PIN	FUNCTION	CONNECTOR PIN	FUNCTION
A1	LT SPK +	B1	LT SPK -
A2	RT SPK +	B2	RT SPK -
A3	LT HAPTIC	B3	RT HAPTIC
A4	LT SIGNAL	B4	RT SIGNAL
A5	PCAN +	B5	NO CONNECT
A6	PCAN -	B6	NO CONNECT
A7	STATUS LAMP	B7	ENABLED LAMP
A8	NO CONNECT	B8	SWITCH
A9	IGN +	B9	BATT GND
A10	RS232 TXD	B10	NO CONNECT
A11	VBATT +	B11	RS232 RXD
A12	J1939 +	B12	J1939 -

CONNECTOR DELPHI-PACKARD
12092886



DETAIL A
SCALE 2:1

NOTES:

1. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
2. HANDLING SURFACE PREPARATION, APPLICATION OF ECU TO VEHICLE AND LOCATION MUST COMPLY WITH BENDIX PRODUCTS SPECIFICATIONS Y430161 (SDP5.1).
3. TEMPERATURE RANGE -40°C TO +85°C.
4. SAFETY DIRECT FEATURE IS AVAILABLE WITH ALL SDP5 VARIANTS AND IT REQUIRES BENDIX'S SUBSCRIPTION TO ENABLE.

ATTENTION! FOR PROPER OPERATION IN CONJUCTION WITH A BENDIX® SAFETY DIRECT® SYSTEM, THE SDP5C/SDP5 ECU INSTALLATION MUST BE APPROVED BY BENDIX ENGINEERING.

IF TOLERANCE(S) APPLIED TO A FEATURE CANNOT FULLY CONTROL ALL ASPECTS OF GEOMETRICAL VARIATION OF THE FEATURE, THE UNTOLERANCED GEOMETRICAL VARIATION SHALL BE CONTROLLED BY THE GENERAL PROFILE TOLERANCE.

This drawing/specification uses Special Characteristic symbols defined in Y003035.

0 C/C 0 S/C 0 P/C

UNLESS OTHERWISE SPECIFIED:
1. DIM ARE IN
2. INTERPRET DIM AND TOL PER ASME Y14.5M - 1994
3. ALL SURFACES:
(PROFILE FCF WITH MAIN DRF)

THIRD ANGLE PROJECTION

MASTER MODEL	K219228R000
REF VOLUME	cc
REF WEIGHT	Kg
CASTING	N/A
FORGING	N/A
PATTERN	N/A

TREATMENT

MATERIAL

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Bendix Commercial Vehicle Systems LLC

TITLE
ECU
NAVISTAR SDP5
(INSTALLATION)

SIZE	CAD	DWG NO	REV
D	Pro/E	Z273007	002
SCALE 1:1	DO NOT SCALE	SHEET 1 OF 1	