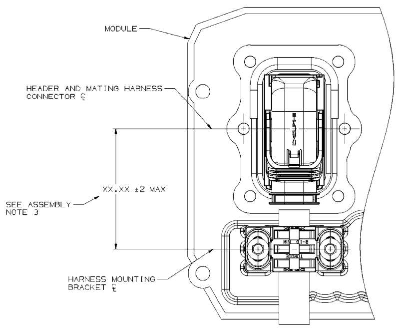
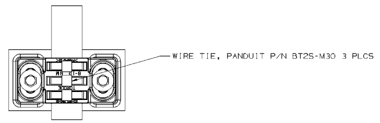
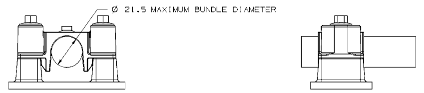


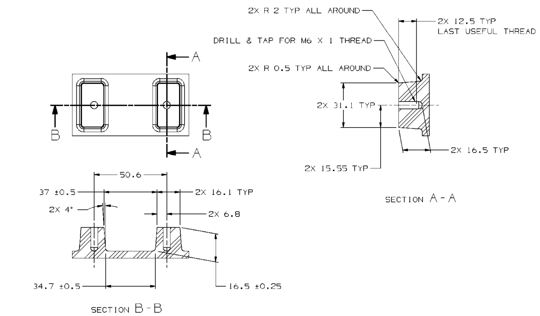




ASSEMBLY NOTES

1. HARNESS MOUNTING BRACKET TO BE APPLIED DIRECTLY TO WIRE BUNDLE WITH THREE WIRE TIES AS SHOWN. BUNDLE PROTECTED BY TAPE AT ATTACHMENT POINT. CONDUIT NOT USED AT ATTACHMENT POINT.
2. WIRE TIES APPLIED WITH PANDUIT INSTALLATION TOOL PART NUMBER GTS USING MAXIMUM TENSION SETTING NUMBER 8.
3. LOCATION OF HARNESS MOUNTING BRACKET TO BE CONTROLLED WITHIN ±2.0 MM BY UTILIZATION OF FIXTURES AT HARNESS BUILD. THE ACTUAL NOMINAL LOCATION DIMENSION IS CONTROLLED ON THE HARNESS PRINT.
4. AFTER MATING THE HARNESS CONNECTOR TO THE MODULE HEADER, THE HARNESS BRACKET BOLTS ARE ASSEMBLIED TO THE MODULE WITH A TORQUE OF 9 NM ± 1 NM AT THE VEHICLE ASSEMBLY PLANT.

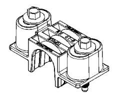
REFERENCE ASSEMBLY INFORMATION

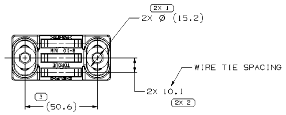


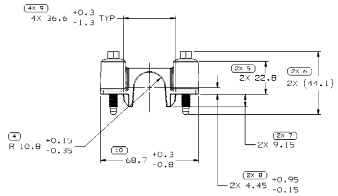
REFERENCE MATING INFORMATION

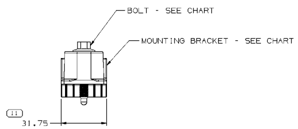
SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	20	NO MISSING SYMBOL NUMBER
	LAST NO. USED	11	

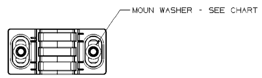
DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
04FE15	R	01	-	-		13856709 - WAS SEPARATE DRAWING; 33221641 - RELEASED	428740	AGC	JVM	VHG
16AP15	R	02	-	-		13856709 - MOUN WASHER PN 15492512 WAS UPDATED	429342	JVR	JVM	JGR
23AU16	R	03	-	-		33221641 - OBSOLETE; 13856709 - UPDATED MOUNTING BRACKET & PART AVAILABILITY	433992	ABH	JVM	VHG
27SE16	R	04	-	-		13856709 - REVISION 02AF WAS 03 FOR AUTH NUMBER 433992; UPDATED MOUNTING BRACKET & PART AVAILABILITY	434377	KYT	VHG	VHG
25OC16	R	05	-	-		13856709 - REVISED GRAPHICS	434620	JVR	JVM	VHG











NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
2. REFERENCE MATING COMPONENTS OR EQUIVALENT:

   CUSTOMER MODULE
3. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:

   WIRE TIE, PANDUIT P/N BT2S-M30 3 PLCS
   21.5 MAX DIAMETER WIRE BUNDLE
4. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER DPNP-4.7-CS-01.

PART NO	REV	N/P	MOUNTING BRACKET	BOLT	QTY	MOUN WASHER	QTY
~~33221641~~	01	AA	33221642	13825426	2	15492512	2
13856709	03	-	13856710	13825426	2	15492512	2

(9) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

DIMENSIONAL RANGE (MM)									CHART E1
FROM / TO	> 0 / 20	>20 / 30	>30 / 70	>70 / 100	>100 / 150	>150 / 200	>200 / 250	>250 / 300	>300 / 400
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2

ANGULAR TOLERANCE ±2°

A ─── LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT DELPHI SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE

VOLUME (CM³)

DISTR CODE: D

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD

NX

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE

WARREN, OH

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		DATE
DR		
APVD1	A. GARCIA CABELLO	04FE15
APVD2	J. VILLAMIL	11FE15
APVD3	V. HERNANDEZ	12FE15
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE CHART

DRAWING NAME: TAXI MOUN BRACKET HARN

DRAWING NUMBER: 33225304

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	1:1	1 OF 2	1 OF 1	R	05	-