
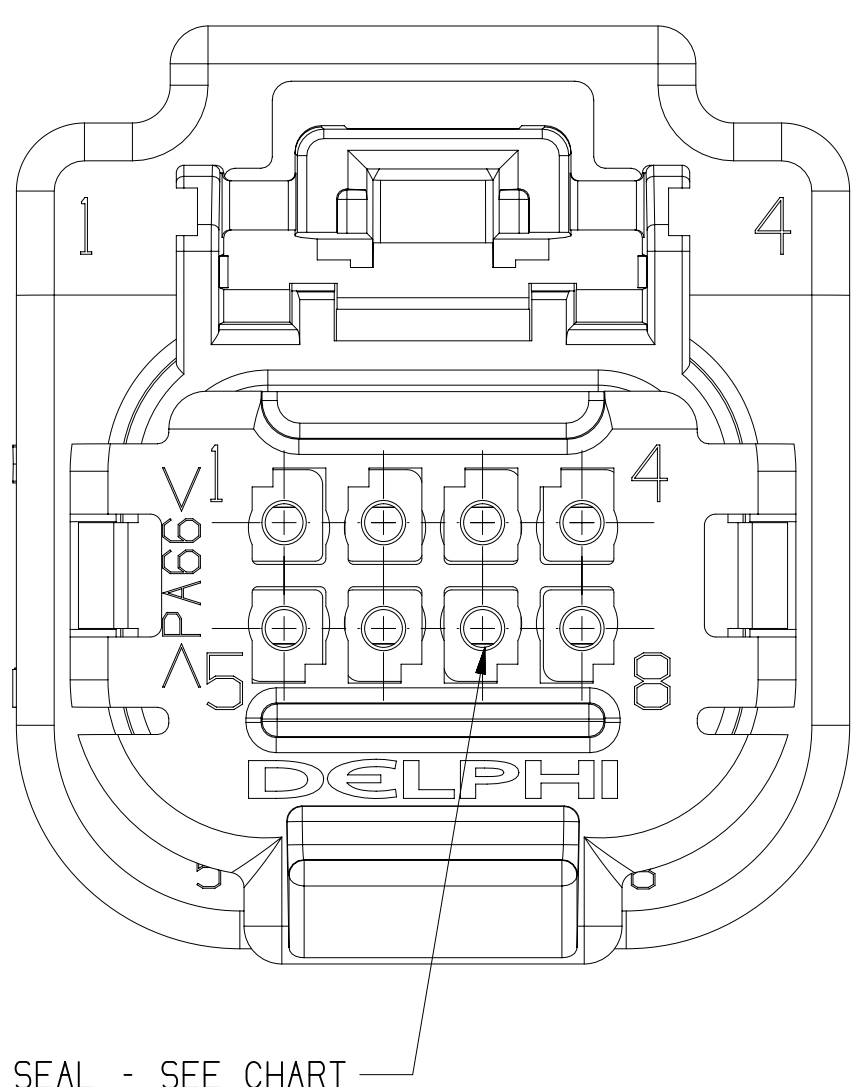
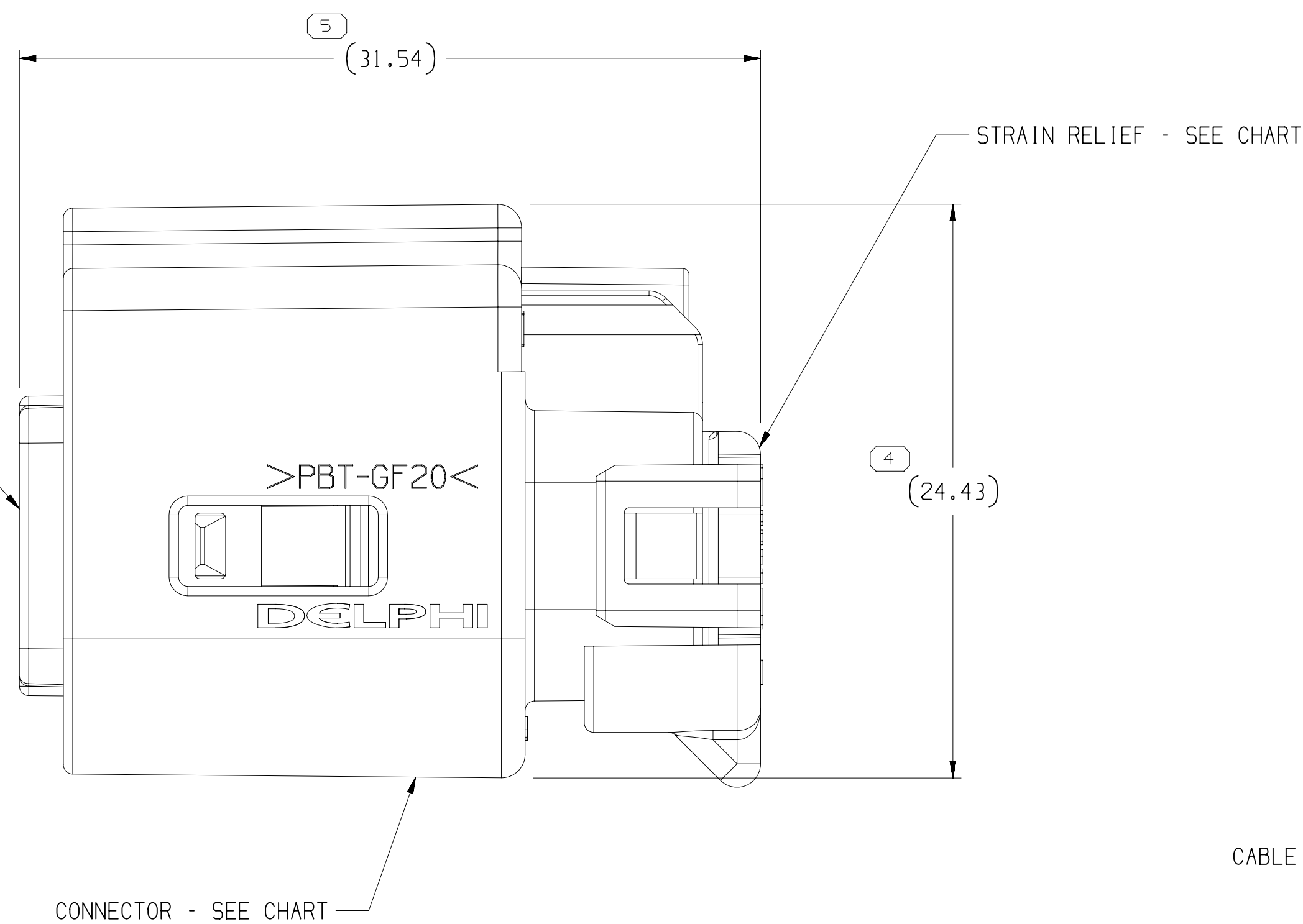
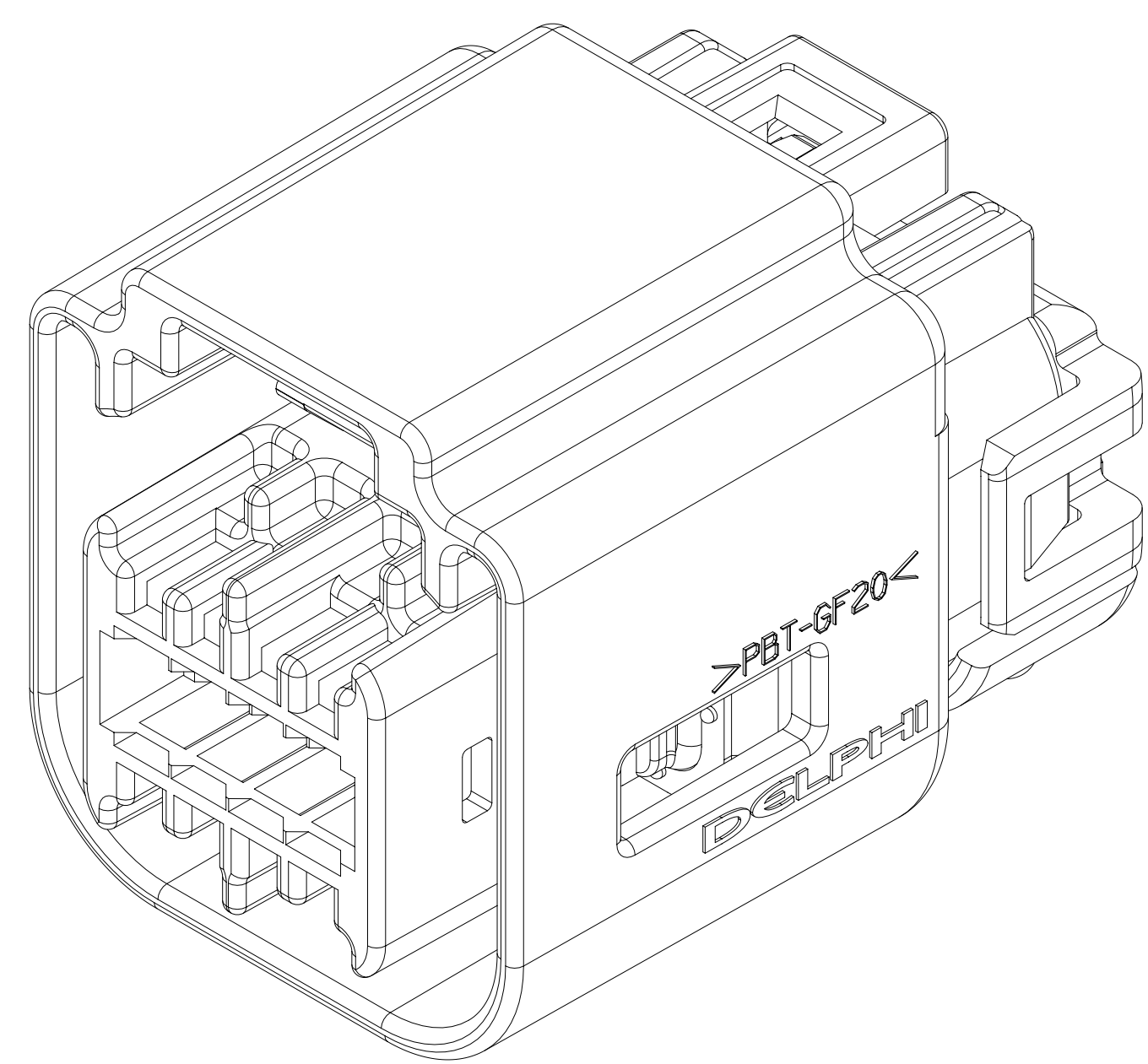


33130470	01	AD	104	13567796	33130471	13567795	13567794	13567793	3
13720596	01	AD	103	13567796	13720595	13567795	13567794	13567793	1,2,5,6,7
13567798	01	AF	102	13567796	13587323	13567795	13567794	13567793	2,4,6,8
13572498	02	AF	101	13567796	13567797	13567795	13567794	13567793	-
PART NO	REV	N/P	TYPE	CONNECTOR	STRAIN RELIEF	POSITIVE LOCK REINFORCEMENT	CONNECTOR SEAL	CABLE SEAL	BLOCKED CAVITIES

SYMBOL DEFINITION		
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	5
	LAST NO. USED	8



TYPE 101

- 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. WHEN PARTS ARE SHIPPED THEY MUST BE PACKED IN PLASTIC BAGS  
OR SHIPPING CONTAINERS MUST BE LINED WITH PLASTIC LINERS.  
BAGS OR LINERS MUST BE SEALED TO AVOID FOREIGN MATTER.
  3. ASSEMBLY VALIDATED TO SAE/USCAR-2 REV 4 MAY 2004:  
  
SEALING CODE 4 - CONNECTOR SYSTEM ENVIRONMENTAL TEST FLOWCHART  
(PRESSURE/VACUUM AND SUBMERSION).
- ALSO CONFORMS TO:  
SAE/USCAR-2 REV 6 FEB 2013 53-ENVIRONMENTAL TEST SEQUENCE HIGH  
TEMP EXPOSURE; PV LEAK; SUBMERSION; HIGH PRESS. SPRAY.
- TEMPERATURE CLASS 3
- 5.4.5 MISCELLANEOUS COMPONENT ENGAGE/DISENGAGE FORCE
- |                            |
|----------------------------|
| PLR ENGAGE PRE-SET TO LOCK |
| WITHOUT TERMINALS: 69-78N  |
| WITH TERMINALS: 57-73N     |
4. THESE PARTS ARE NOT CONTROLLED FOR AUTOMATIC FEEDING.
  5. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR  
IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR  
BLEMISHES, GATE VESTIGE, AND SOFT FLASK THAT DO NOT AFFECT THE  
FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER PER DNP-4.7-CS-01.
  6. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

DATE	DWG STATUS			ZONE	REVISION HISTORY	AUTH	DR	APPROV 1	APPROV 2
	DATE	STS	REV						
29JUN06	R	01	-	-	13572496 - ADDED TO TAXI FROM SEPARATE DRAWING & REVISED; 13567798 - RELEASED	281963	JS	JS	SM
09MR07	R	02	-	-	ALL PARTS - REVISED NOTE #4	400749	EES	EES	SM
09JUL08	R	03	-	-	ALL PARTS - ADDED APPLICATION DATA NOTE, REMOVED MATING COMPONENTS NOTE, PART ACCEPTS NOTE; 13720596 - WAS PE176903 AND RELEASED	405355	ACG	JVM	SM
03JUN11	R	04	-	-	13890058 - RELEASED	414460	MEA	MEA	MEA
08JUN11	R	05	-	-	13890058 - ADDED DIM #6; 13890301 - RELEASED	414485	MEA	MEA	MEA
08MR12	R	06	-	-	ALL PARTS - DRAWING NAME WAS ASM CONN MICRO HVT 1.2 SLD	417378	JEG	JEG	JRV
25JUN13	R	07	-	-	15543351 - RELEASED	423100	AGC	JAA	JRV
14NOV13	R	08	-	-	33130470 - RELEASED	425485	GLG	GLG	GLF
26MY14	R	09	-	-	ALL PARTS - UPDATED ASSY VALIDATED NOTE AND ADDED CABLE O.D INFO	426612	ABH	JVM	MEC
21JUL15	R	10	-	-	33130470 - UPDATED PART AVAILABILITY	430268	JVR	JVM	JFF
17AUG18	R	11	-	-	ALL PARTS - TRANSFER CABLE O.D INFO TO APPLICATION DRAWING AND REMOVED NOTE	437790	ESC	ESC	VRG
20JUN19	R	12	-	-	ADDED "SHT 1 OF 2"; 15543351, 13890301, 13890058 - MOVED TO SHT 2	443697	GDH	JAA	VRG
17AUG21	R	13	-	-	13572496 - ADDED OPTICAL CONN VIEWS; ALL PARTS - UPDATED CONN TO LATEST REVISION	554995	LGD	JAA	ACR

**CONFIDENTIAL**

THIS DRAWING THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

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

CONTACT APVU SALES TO ASSURE AVAILABILITY OF PARTS.

DRG TYPE: \_\_\_\_\_

**PART DRAWING**

STYLE	DATE
VOLUME (CM3)	
DISTR CODE	
<div><div></div><div></div></div>	
UNLESS OTHERWISE SPECIFIED	
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE ASME GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE SHOWN SEPARATELY REGARDLESS OF DATUM REFERENCES.	

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE \_\_\_\_\_

<div>THIRD ANGLE PROJECTION</div> <div></div>	<div>DO NOT SCALE</div> <div>USE MATH</div> <div></div>
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CONNECTION SYSTEMS					
WARREN, OH					
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DR		DATE			
APV001 JOE SUDIK		29-IN06			
APV02 JOE SUDIK		29-IN06			
APV03 SEAN MILLER		29-IN06			
APV04					
APV05					
SUBSTANCE'S OF CONCERN AND RECYCLED CONTENT PER APVU 10949001					
MATERIAL SPEC DRAWING					
DRAWING NAME:					
TAXI ASM CONN OCS 1.2 SLD					
DRAWING NUMBER					
13592750					
SIZE	SCALE	FRAME NO	SHEET NO	REV	N/P
A0	5:1	1 OF 1	1 OF 2	R 13	N/P

○ 13572498 - OPTIONAL CONSTRUCTION  
EXCLUSIVE USE FOR AP

		(N/A) PROCESS SENSITIVE DIMENSION	
		DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED	
DIMENSIONAL RANGE (MM)		CHART E1	
FROM	TO	TO	TO
> 0	> 20	> 30	> 100
> 20	> 30	> 70	> 150
> 30	> 70	> 100	> 200
> 70	> 100	> 150	> 300
> 100	> 150	> 200	> 500
> 150	> 200	> 300	> 1000
> 200	> 300	> 500	> 1000
> 300	> 500	> 1000	> 1000
TOLERANCE UNLESS OTHERWISE SPECIFIED			
±0.15	±0.2	±0.3	±0.4
±0.4	±0.5	±0.6	±0.8
±0.8	±1.0	±1.2	±1.5
±1.5	±2.0	±2.5	±3.0
±3.0	±4.0	±5.0	±6.0
±6.0	±8.0	±10.0	±12.0
±12.0	±15.0	±20.0	±25.0
±25.0	±30.0	±40.0	±50.0
±50.0	±60.0	±80.0	±100.0
±100.0	±120.0	±150.0	±200.0
±200.0	±250.0	±300.0	±400.0
±400.0	±500.0	±600.0	±800.0
±800.0	±1000.0	±1200.0	±1500.0
±1500.0	±2000.0	±2500.0	±3000.0
±3000.0	±4000.0	±5000.0	±6000.0
±6000.0	±8000.0	±10000.0	±12000.0
±12000.0	±15000.0	±20000.0	±25000.0
±25000.0	±30000.0	±40000.0	±50000.0
±50000.0	±60000.0	±80000.0	±100000.0
±100000.0	±120000.0	±150000.0	±200000.0
±200000.0	±250000.0	±300000.0	±400000.0
±400000.0	±500000.0	±600000.0	±800000.0
±800000.0	±1000000.0	±1200000.0	±1500000.0
±1500000.0	±2000000.0	±2500000.0	±3000000.0
±3000000.0	±4000000.0	±5000000.0	±6000000.0
±6000000.0	±8000000.0	±10000000.0	±12000000.0
±12000000.0	±15000000.0	±20000000.0	±25000000.0
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±100000000.0	±120000000.0	±150000000.0	±200000000.0
±200000000.0	±250000000.0	±300000000.0	±400000000.0
±400000000.0	±500000000.0	±600000000.0	±800000000.0
±800000000.0	±1000000000.0	±1200000000.0	±1500000000.0
±1500000000.0	±2000000000.0	±2500000000.0	±3000000000.0
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±200000000000000000000000000000000.0	±250000000000000000000000000000000.0	±300000000000000000000000000000000.0	±400000000000000000000000000000000.0
±400000000000000000000000000000000.0	±500000000000000000000000000000000.0	±600000000000000000000000000000000.0	±800000000000000000000000000000000.0
±800000000000000000000000000000000.0	±1000000000000000000000000000000000.0	±1200000000000000000000000000000000.0	±1500000000000000000000000000000000.0
±1500000000000000000000000000000000.0	±2000000000000000000000000000000000.0	±2500000000000000000000000000000000.0	±3000000000000000000000000000000000.0

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