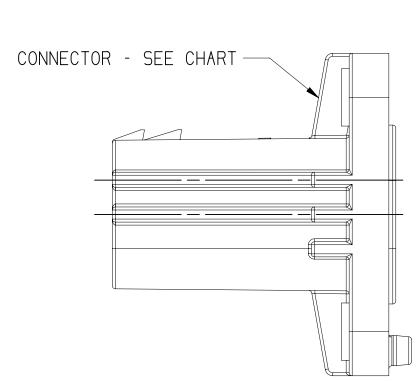
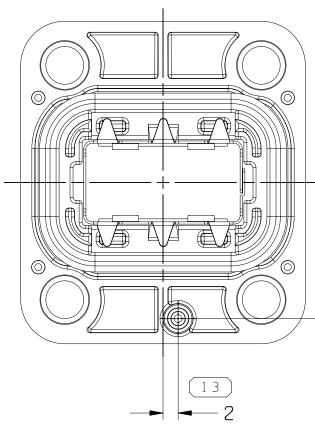
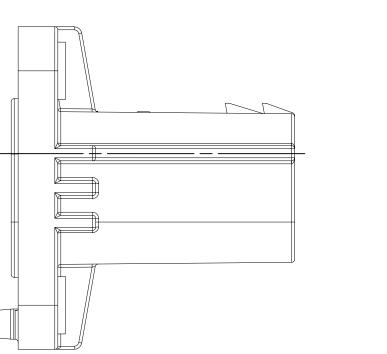
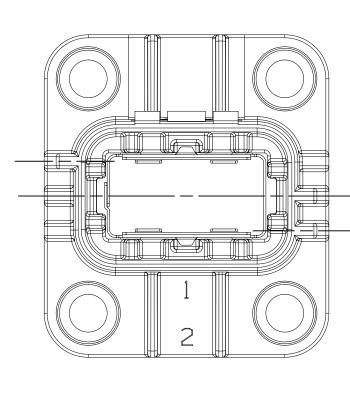


type 102 same as type 101 except as shown

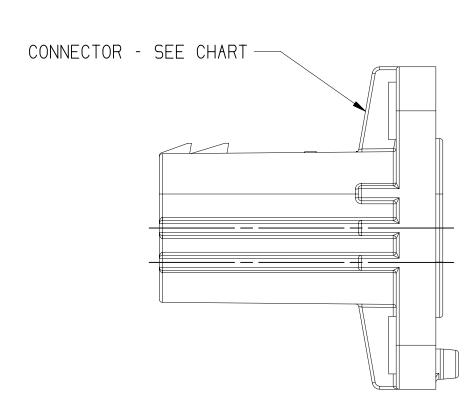


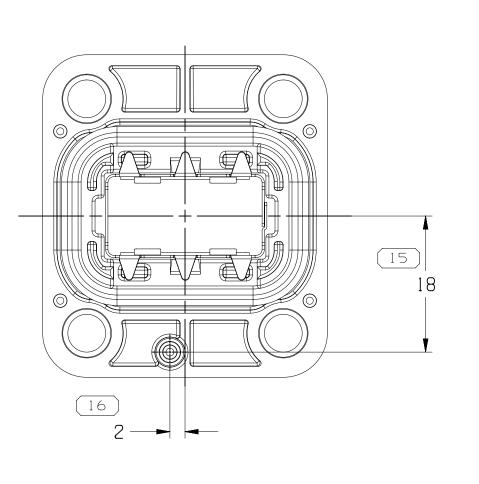


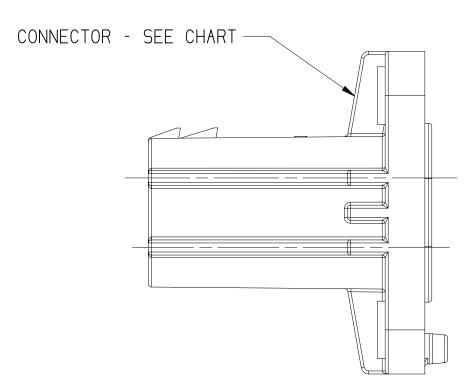


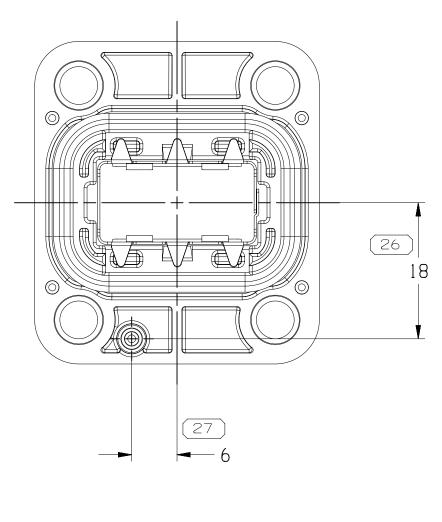


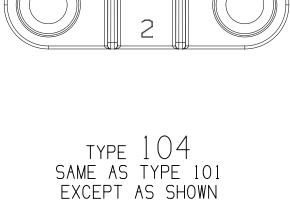
type 103 same as type 101 except as shown

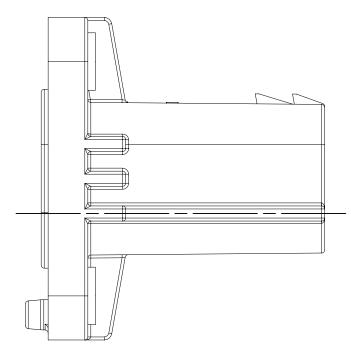


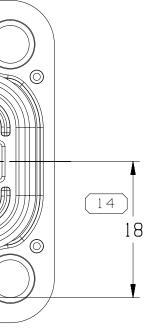


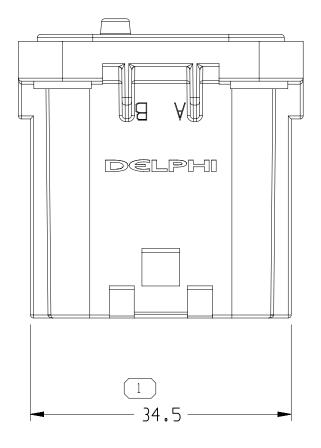


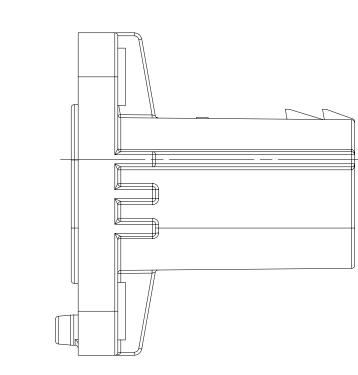


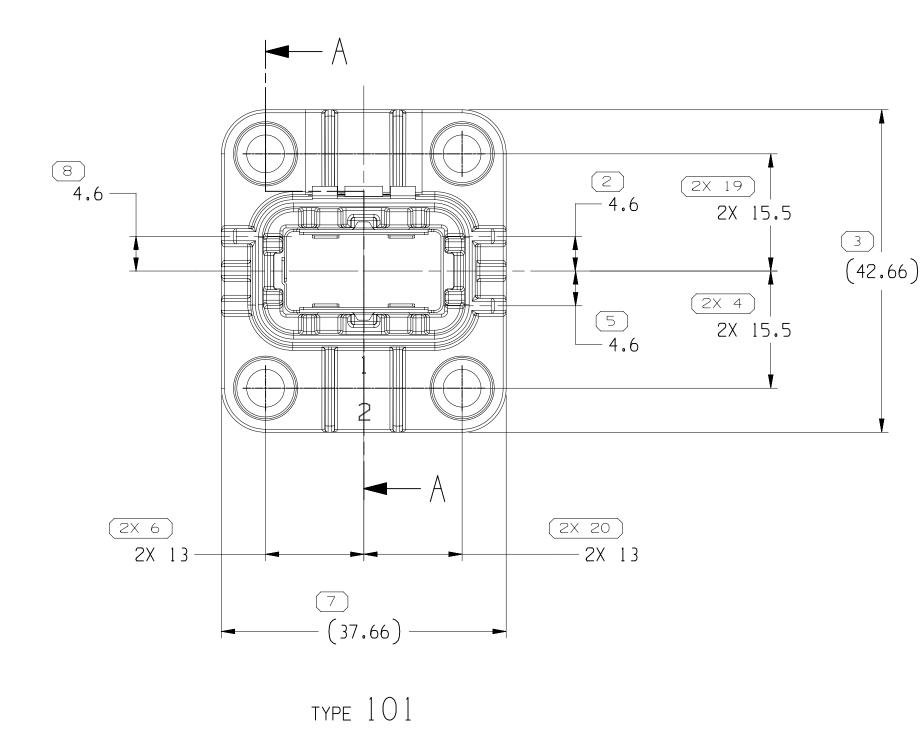


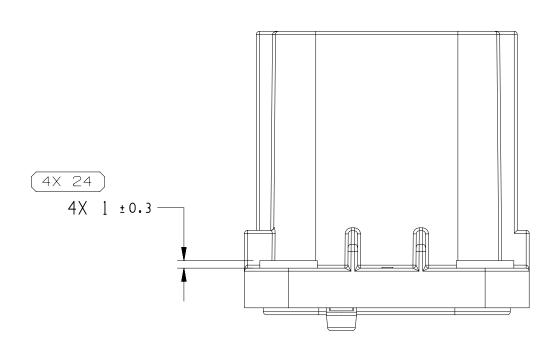






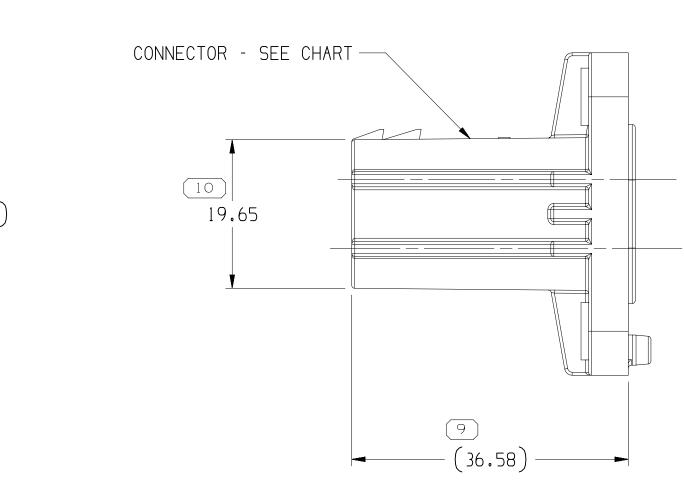


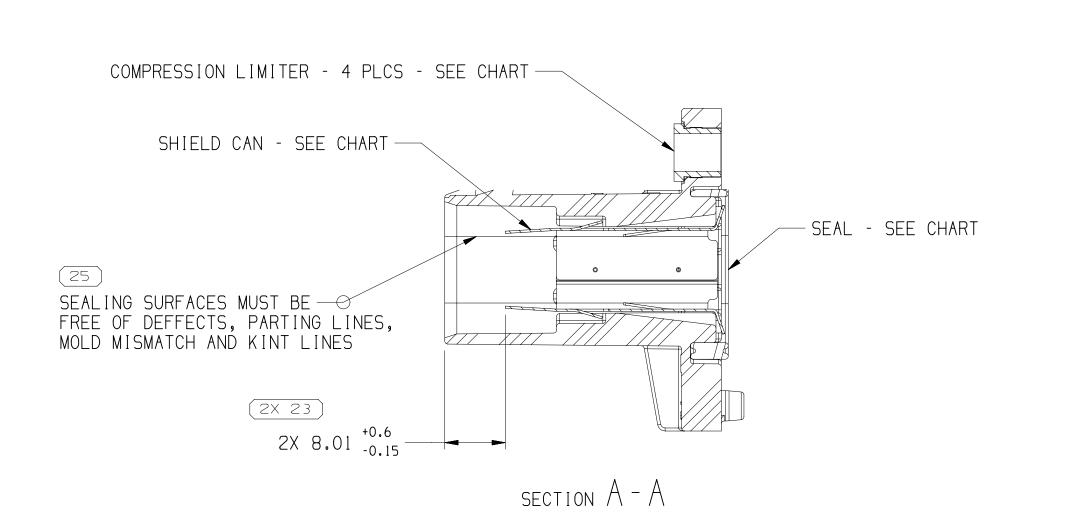


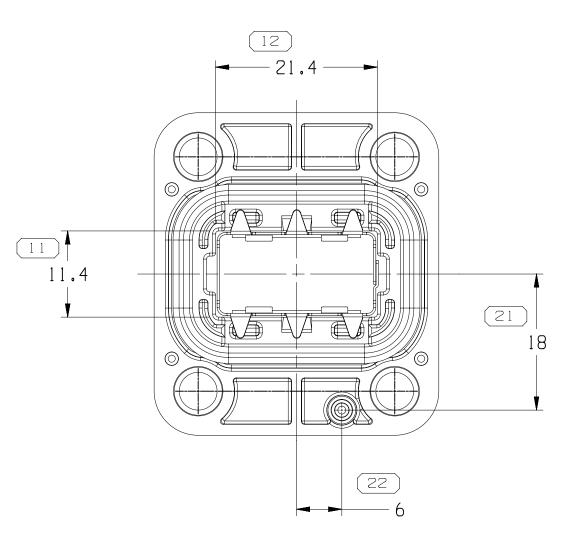


A1×3 2:1 2 OF 2 1 OF 2 R 18 -	 PART NO REV N/P TIPE	CUNNECTOR	SHIELD CAN	SEAL	COMPR LIMITER	CONN OR EQUIVALENT	1-CLICK CONN OR EQUIVALENT	2-CLICK CONN OR EQUIVALENT	MALE INNER CONNECTOR	HARNESS 1-CLICK	
SIZE SCALE FRAME NO SHEET NO STG REV N/P			SHIFLD CAN		COMPR LIMITER	MATING 280 MALE INNER CONN OR EQUIVALENT	MATING 280 HARNESS 1-CLICK CONN OR FQUIVALENT	MATING 280 HARNESS	MATING 630	MATING 630	
$ \langle \mathcal{Y} \mathcal{Y} \mathcal{Y} \mathcal{Y} \mathcal{Y} \rangle$	35201196 01 AD 101	1 3 9 5 4 1 0 3	35188729	1 3885872	33211751	15526394	33339283	1 3824784	35028833	35028839	FROM >
$\begin{bmatrix} DRAWING NUMBER \\ 1 \end{bmatrix} \bigcirc \begin{bmatrix} I \\ I \end{bmatrix} \bigcirc \begin{bmatrix} I \\ I \end{bmatrix} 0 \end{bmatrix}$	35201197 01 AD 102	1 3954104	35188729	1 3885872	33211751	15526395	33353455	1 38 30159	35028834	35028840	DIMENSION
		1 3954105	35188729	1 3885872	33211751	15526396	33353456	1 38 30 1 60	35028835	35028841	
	35402891 01 AA 104	1 3954106	35188729	1 3885872	33211751	15526397	33353457	1 38 30 1 6 1	35028836	35028842	

SYMBOL DEFINITION A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.







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. 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 AFFÉCT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER EANP_4-3_CS_01_EN.
- 3. MATING OPENING (CASE) DETAIL REFERENCE DRAWING 15508564.
- 4. SEALING VERIFICATION DATA SEE THE INDIVIDUAL APPLICATION PER ES-A-755. 5. ELECTRIC VEHICLE CHARGING AND OTHER HIGH DUTY CYCLE APPLICATIONS CARRYING
- >25A REQUIRE THE FOLLOWING: -MIN 5.0 MM2 COPPER CONDUCTORS. -TERMINAL TO CONDUCTOR INTERFACE RESISTANCES \leq 0.2 mOhms. SOLDERED CRIMPS ARE RECOMMENDED. -TERMINAL TEMPERATURES NEED TO BE MEASURED IN THE VEHICLE APPLICATION
- TO INSURE T-RISE OVER AMBIENT IS <35 DEG C AT MAXIMUM CONTINUOUS CURRENT.

7. SEALING CODE 4 - DESIGN WILL MEET REQUIREMENTS OF SAE/USCAR-2 CONNECTOR SYSTEM ENVIRONMENTAL TEST FLOWCHART (PRESSURE/VACUUM AND SUBMERSION).

- 8. CONNECTION MEETS THE PERFORMANCE REQUIREMENTS OF SAE/USCAR-2 R5 NOVEMBER 2007. SAE/USCAR-37 AUGUST 2008, AND GM-3191 DECEMBER 2007 FOR THE FOLLOWING CLASSIFICATIONS: TEMPERATURE CLASS 3 (-40°C TO +125°C) VIBRATION CLASS 2 (ON ENGINE) SEALING CLASS 3 (SEALED PLUS HIGH PRESSURE SPRAY) MATING CLASS 1 (10 CYCLES)
- 9. PARTS MUST BE FREE OF DUST; DIRT; CARBOARD FIBER; LOOSE METAL SLIVERS; OR ANY PARTICULATE THAT MAY CAUSE FIT OR FUNCTION CONCERNS.
- 10. APTIV RECOMMENDS < 0.5% COPPER CONTENT IN ALUMINUM ALLOYS USED FOR THE DEVICE CASE TO MINIMIZE DEGRADATION CAUSED BY CORROSION.
- 11. BUSHING RETENTION INTO THE HEADER SHALL BE X>30N.

	5		4				3			2	1				
ION	<u> </u>		MISSING SYMBOLS		DWG S	TATUS	5		ZONE	REVISION HISTORY	AUTH	DR	APVD,		
			17-18		STG	REV	N/P	CHG	ZONL				1	2	
YMBOL E	TOTAL NO OF	33		30MR12	R	01	-	-		TAXI PART DRAWING CREATED	417707	СМ	СМ	TG	
NING.	REQUIRED	دد		08N012	R	02	-	-		ALL PARTS; ADDED NOTE 4; NO REV UPDATE REQ'D	420360	СМ	СМ	DM	N
	LAST NO. USED	27		01FE13	R	03	-	-		"INNER CONN" CHANGED TO "MATING INNER CONN" IN PART NUMBER CHART	421329	JHG	JHG	ΤG	
				07FE13	R	04	-	-		INCREASED N/P REV TO AB FOR ALL PARTS FOR CHANGE MADE ON ECO 421329	421367	JHG	JHG	TG	
				01JN14	R	05	-	-		ADDED MATING HARNESS COLUMN ON TAXI CHART AND MATING INNER CONN COLUMN CHANGED	425132	YVH	YVH	ΤG	
				14JN14	R	06	-	-		CHANGED PROCESS SENSITIVE DIMENSION & ADDED BUSHING EXTRACTION FORCE NOTE	425189	YVH	YVH	TG	
\sim				08JA15	R	07	-	-		33211753, 33215445 & 33215446 - RELEASED	428405	ORA	YVH	YVH	L
				23FE15	R	08	-	-		ALL PARTS - ADDED "SEALING" NOTE & DIM #24 AND 33211753 & 33215445-46 - UPDATED PART AVAILABILITY	428934	NRM	JVM	YVH	
				11JL16	R	09	-	-		ALL PARTS - ADDED ELECTRIC VEHICLE CHARGING AND HIGH DUTY CYCLE APPLICATION NOTE	433576	DCH	DCH	TG	
				18JL16	R	10	-	-		13954108 - MATING HARNESS CONN 1-CLICK WAS 33107360 IN CHART 13954109 - MATING HARNESS CONN 1-CLICK WAS 33107347 IN CHART 13954110 - MATING HARNESS CONN 1-CLICK WAS 33107346 IN CHART 13954111 - ADDED MATING HARNESS CONN 1-CLICK IN CHART	433720	DCH	DCH	EDA	K
				22SE16	R	11	-	-		ALL PARTS - CORRECTED ELECTRIC VEHICLE CHARGING AND HIGH DUTY CYCLE APPLICATION NOTE	434196	JVR	JVM	TG	
				18JA18	R	12	-	-		ALL PARTS - ADDED ASSEMBLY MANUAL NOTE	438707	DAG	DAG	MNC	
				09AP18	R	13	-	-		35201196-98 - RELEASED	439468	LXA	JAA	NAD	┢
				07JN18	R	14	-	-		13954108-11, 33211753 & 33215445-46 - MOVED TO SHT 2; ALL PARTS - UPDATED MATING HARNESS 1-CLICK CONN INFO	440029	LVD	JAA	TG	
				260018	R	15	-	-		ALL PARTS - ADDED NOTES #7 & #8, REMOVED "THIS PART ACCEPTS THE FOLLOWING COMPONENTS" & "BUSHINGS EXTRACTION FORCE" NOTES AND REVISED "MATING 280 HARNESS 1- CLICK CONN OR EQUIVALENT" INFO ON CHART; 35201197-98 - UPDATED PART AVAILABILITY		CGD	CGD	TAV	
				13FE19	R	16	-	-		ALL PARTS - ADDED "SEALING SURFACES" LABEL, "MATING 630 CONNECTOR & HARNESS" INFO ON CHART AND NOTES #9 & #10	442278	CGD	CGD	NMC	
				080C19	R	17	-	-		35402891 - RELEASED	550224	JGO	JAA	MNC	
				185E20	R	18	-	-		ALL PARTS - ADDED "BUSHING RETENTION" NOTE	552504	LGD	CGD	MNC	

6. FOR ASSEMBLY MANUAL REFER TO P/N 33155749-CUS73-SO1 AND 13954107-CUS71-SO1.

REMENTS OF SAE/USCAR-2 ONMENTAL TEST FLOWCHART UBMERSION).		A LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILA FOR ORDERING.	BLE CONI	PTIV •			
EMENTS OF SAE/USCAR-2 R5 NOVEMBER 2007. ECEMBER 2007 FOR THE FOLLOWING CLASSIFI		PART NUMBERS THAT DO NOT HAVE A LINE PRESENT THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERI CONTACT APTIV SALES TO ASSURE AVAILABILITY OF PARTS. DWG TYPE PART DRAWING	NG. COPYRIGHT 2012 THIS DRAWING IS THE F CONFIDENTIAL INFORMATIO UTILIZATION OF THIS DOCUME AS COMMUNICATION OF AN	WARREN, OH COPYRIGHT 2012 APTIV. ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF APTIV AND CONTAINS APTIV CONFIDENTIAL INFORMATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD MATH DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION, IS PROHIBITED.			
URE SPRAY)		STYLE VOLUME (CM ³)	DR APVD1 C.MARGRAVE APVD2 C.MARGRAVE	DATE 30MR12 30MR12			
ARD FIBER; LOOSE METAL SLIVERS; R FUNCTION CONCERNS. IN ALUMINUM ALLOYS USED FOR THE DEVICE		UNLESS OTHERWISE SPECIFIED THIS DOCUMENT IS IN ACCORDANCE WITH ASME YI AS AMENDED BY THE GM GLOBAL DIMENSIONING AN	APVD3 TERRY GEOR APVD4 APVD5	GE 07JN12			
CORROSION. BE X>30N.		TOLERANCING ADDENDUM-2004.		SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001 MATERIAL SEE CHART			
RE	23 PROCESS SENSITIVE DIMENSION IMENSIONS ENCLOSED IN () INDICATE FERENCE DIMENSIONS AND NO TOLERANCE IMITS ARE ESTABLISHED	ALL DIMENSIONS ARE IN MILLIMETERS		I CONN 4 M HYBRID D SLD HEADER			
DIMENSIONAL RANGE (MM) FROM > 0 > 20 > 30 > 70 TO 20 30 70 100 TOLERANCE UNLESS ±0.15 ±0.2 ±0.3 ±0.3	CHART E1) >100 >150 >200 >250 >300 0 150 200 250 300 400 OTHERWISE SPECIFIED	PROJECTION SCALE		A A A A A CRAME NO OF 2 1 OF 2 R 18 -			
5	4	3	2	1			

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