

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	K7	REVISED PER ECO-11-005030	12MAR2011	RK	HMR
	K8	REVISED PER ECO-12-003785	16DEC2016	DD	MB

CPA: OPTIONAL - SEE TABLE
QTY = SEE TABLE

COVER

WIRE SEAL

PLUG HOUSING

PERIPHERAL SEAL

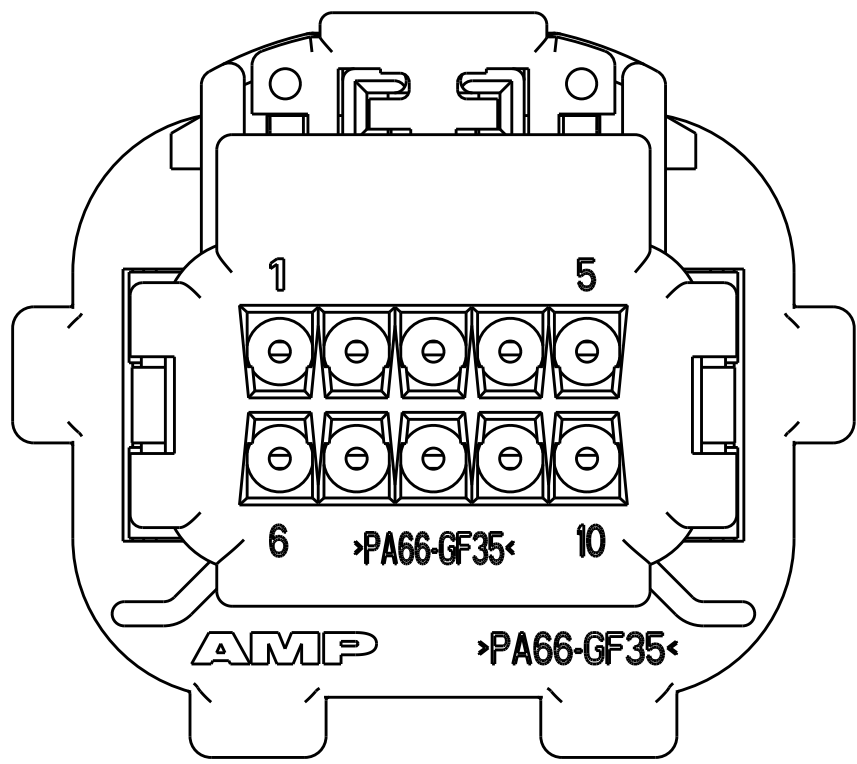
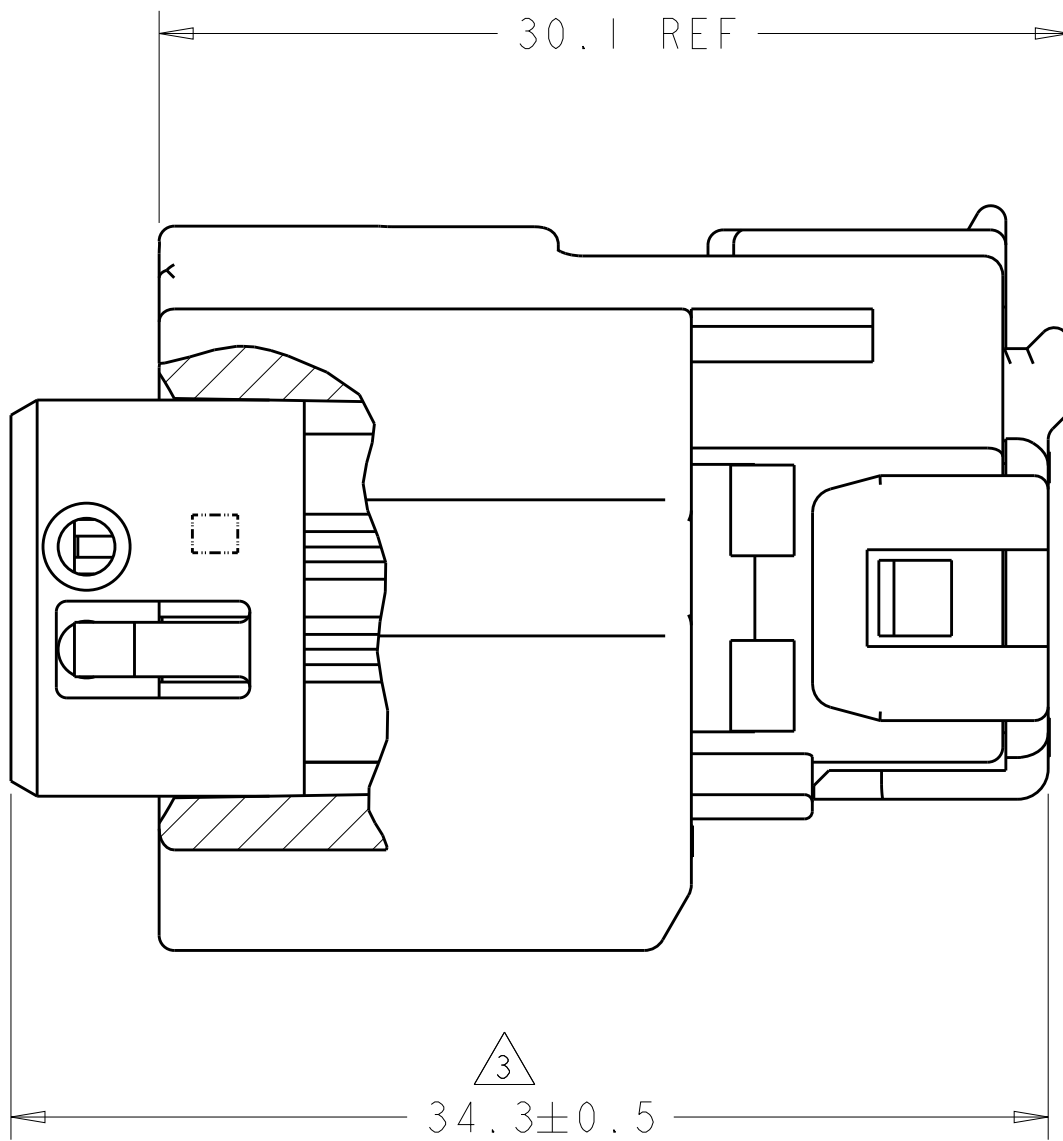
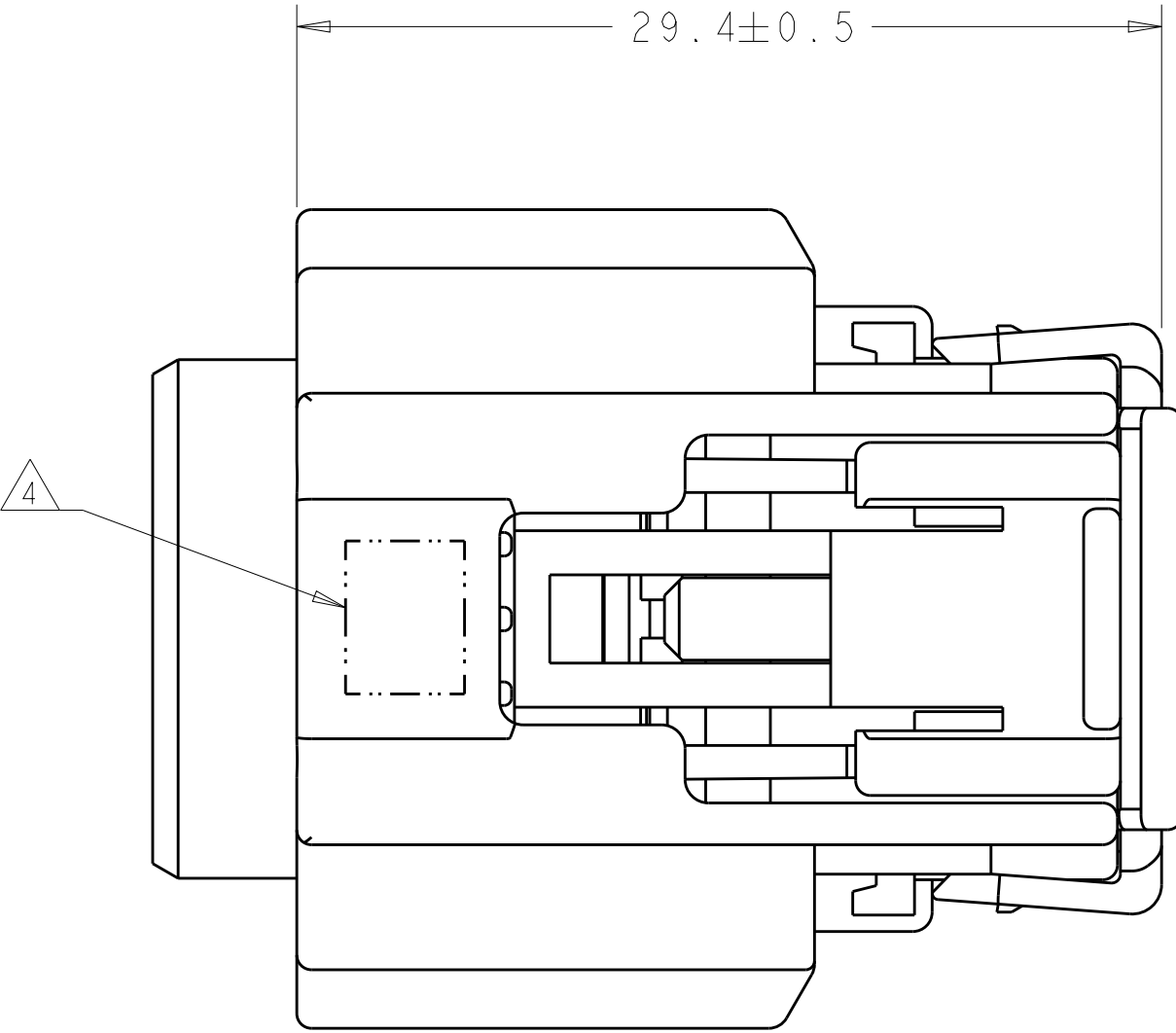
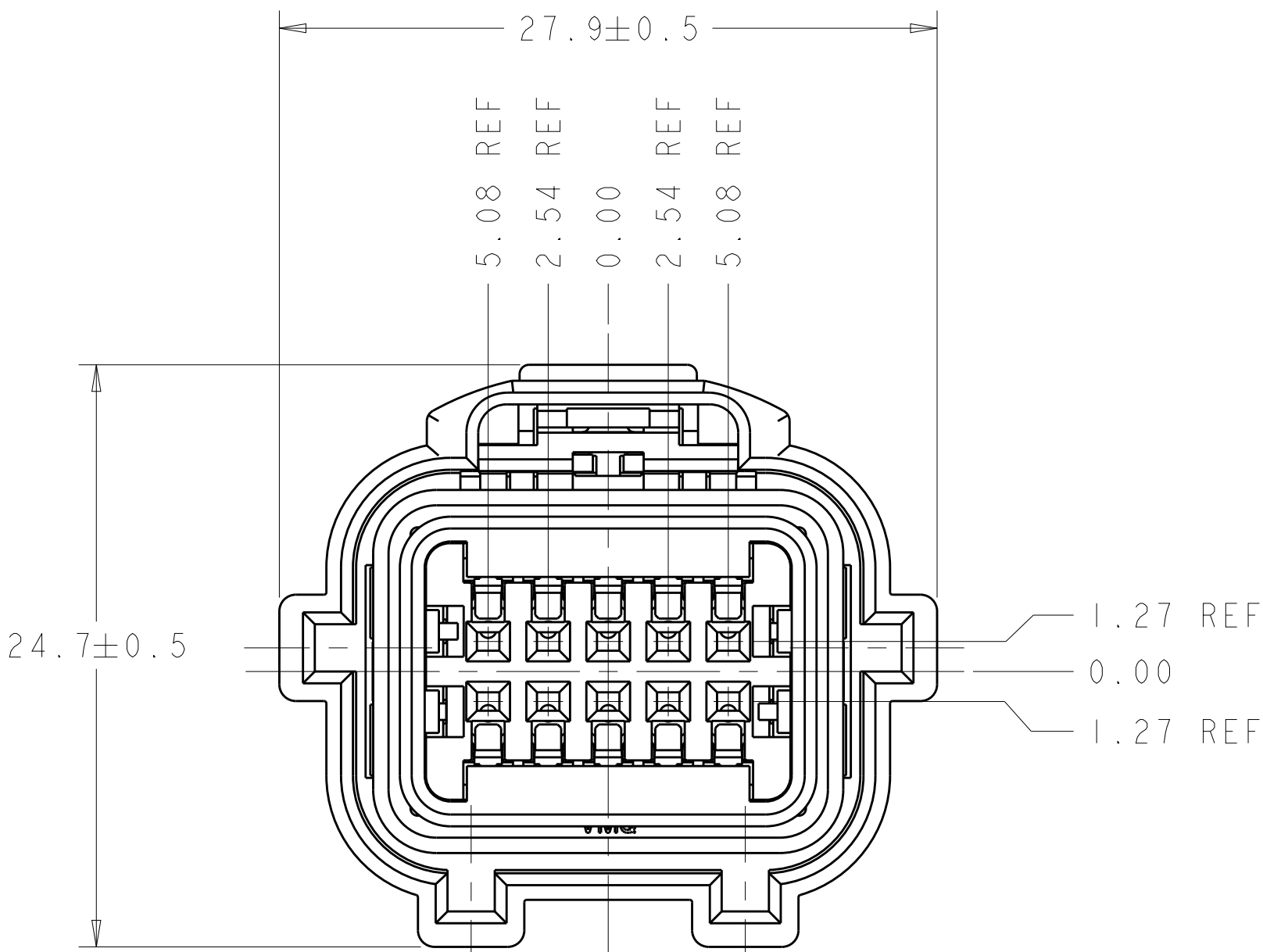
TPA

SCALE 2:1

PLUG ASSEMBLY

SCALE 2:1

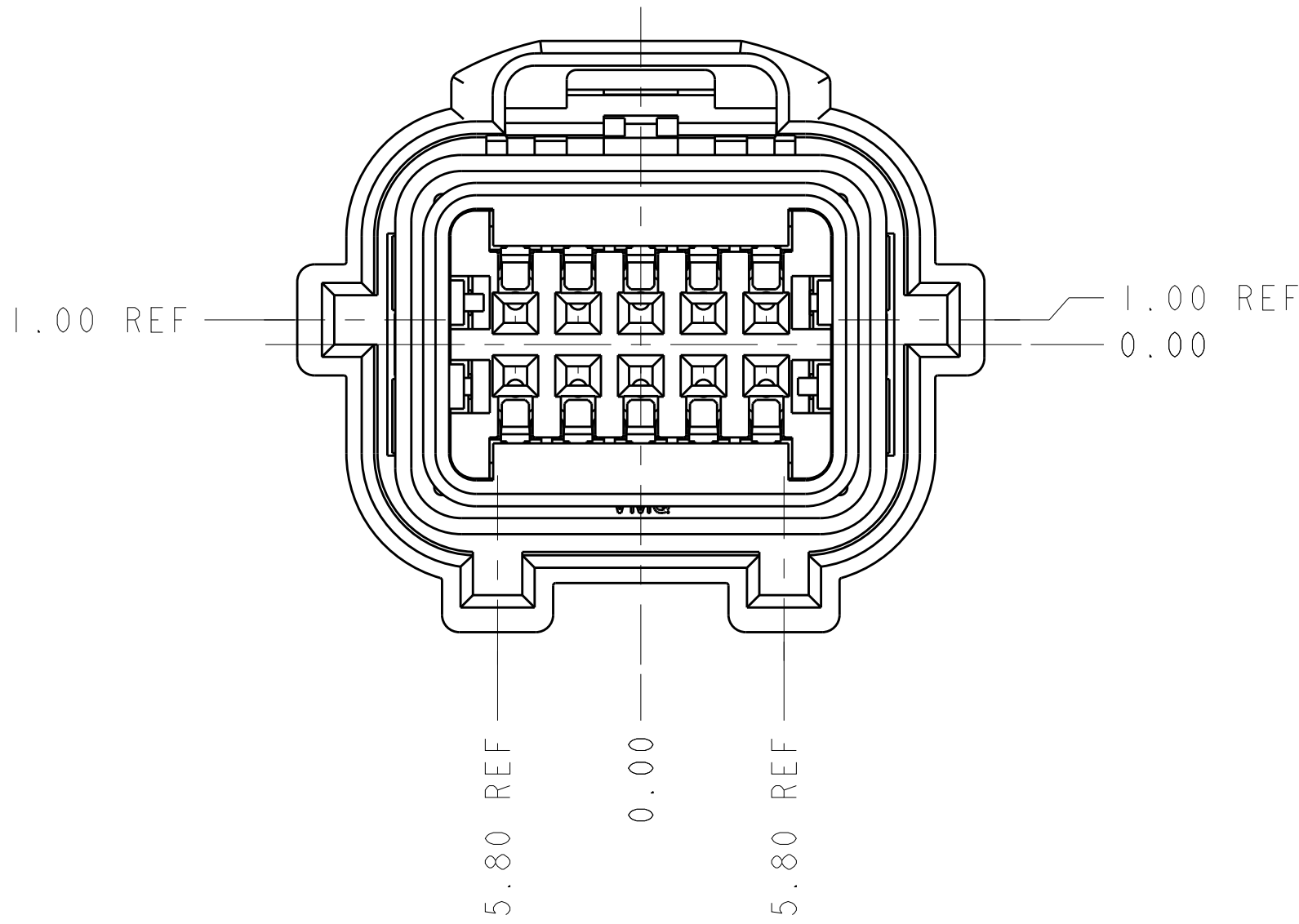
1. 638517-5 SHOWN.
2. PLUG HOUSING: NYLON 6/6, 35% GLASS FILLED, 25% MAX REGRIND.
COLOR: SEE TABLE.
COVER: NYLON 6/6, 35% GLASS FILLED, BLACK, 25% MAX REGRIND.
TPA: NYLON 6/6, 35% GLASS FILLED, RED, 25% MAX REGRIND.
PERIPHERAL SEAL AND WIRE SEAL: SILICONE RUBBER, DARK BLUE.
CPA: PBT, 15% GLASS, RED
3. TPA SHOWN IN PRE-LATCHED POSITION.
4. MARK FOUR DIGIT JULIAN DATE CODE (DDDY), LOCATED IN APPROXIMATE AREA SHOWN.
5. TERMINALS SOLD SEPARATELY, SEE AMP RECOMMENDED P/N 1326028 (GOLD) OR 638551 (TIN) FOR TERMINATION AND REELING OPTIONS.
6. PRELIMINARY - NOT RELEASED FOR PRODUCTION.



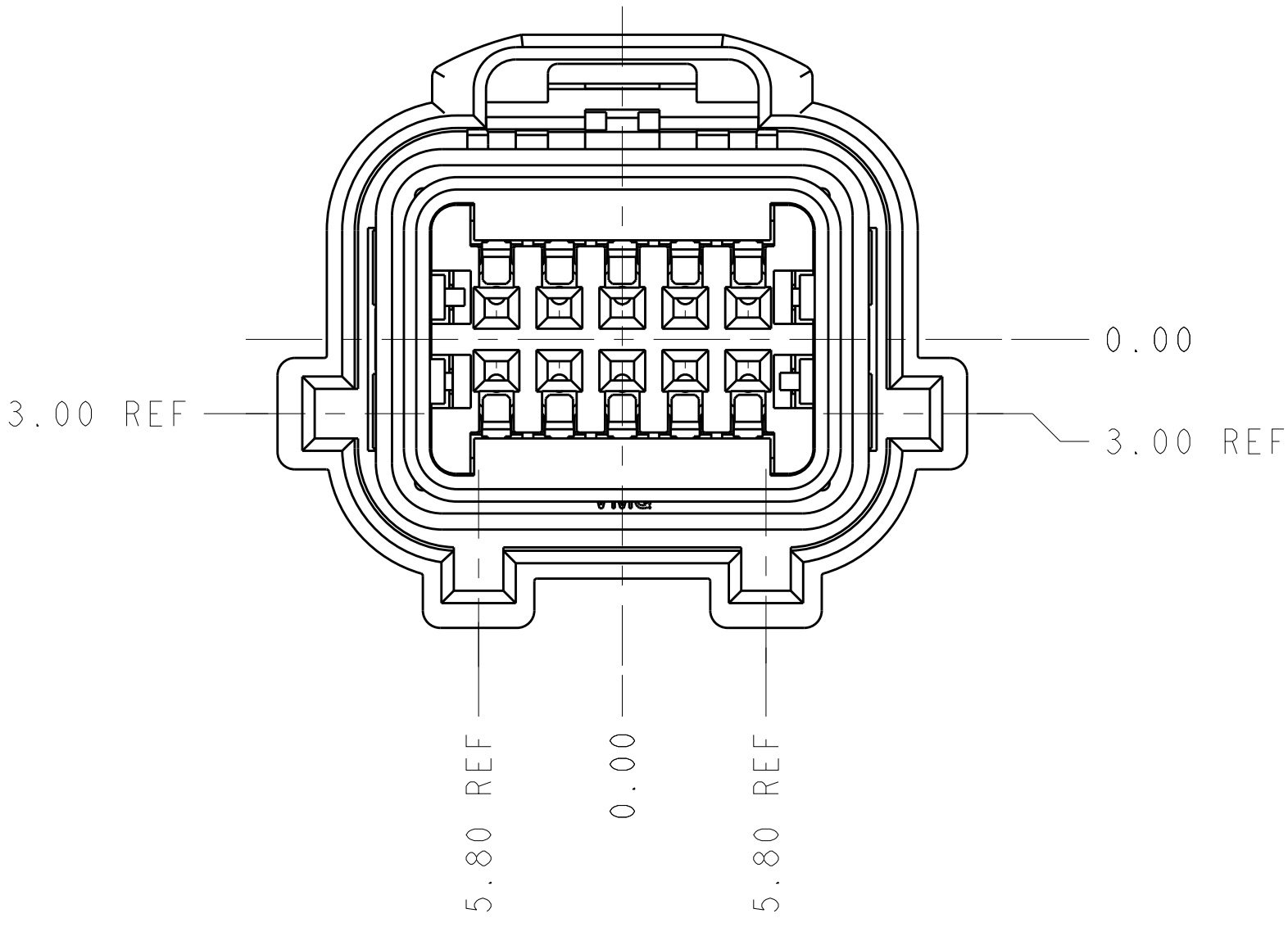
YELLOW	I	"A"	5-638517-4
BLACK	I	"A"	3-638517-1
BLACK	I	"A"	3-638517-0
BLACK	I	"A"	2-638517-9
BLACK	I	"A"	2-638517-8
BLACK	I	"A"	2-638517-7
BLACK	I	"A"	2-638517-6
BLACK	I	"A"	2-638517-5
TBD	I	"A"	2-638517-4
TBD	I	"A"	2-638517-3
BLACK	I	"A"	2-638517-2
BLACK	I	"A"	2-638517-1
TBD	I	"D"	638517-8
TBD	I	"C"	638517-7
TBD	I	"B"	638517-6
BLACK	I	"A"	638517-5
PLUG HOUSING COLOR	CPA QTY	KEYING ARRANGEMENT (SEE SHEET 2)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. FOLTZ CHK M. SHORE APVD G. BALON	22FEB00 08MAY01 08MAY01	NAME	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
mm		0 PLC ±.2 1 PLC ±0.2 2 PLC ±0.10 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH		SAE/USCAR-2 8/97	
MATERIAL					

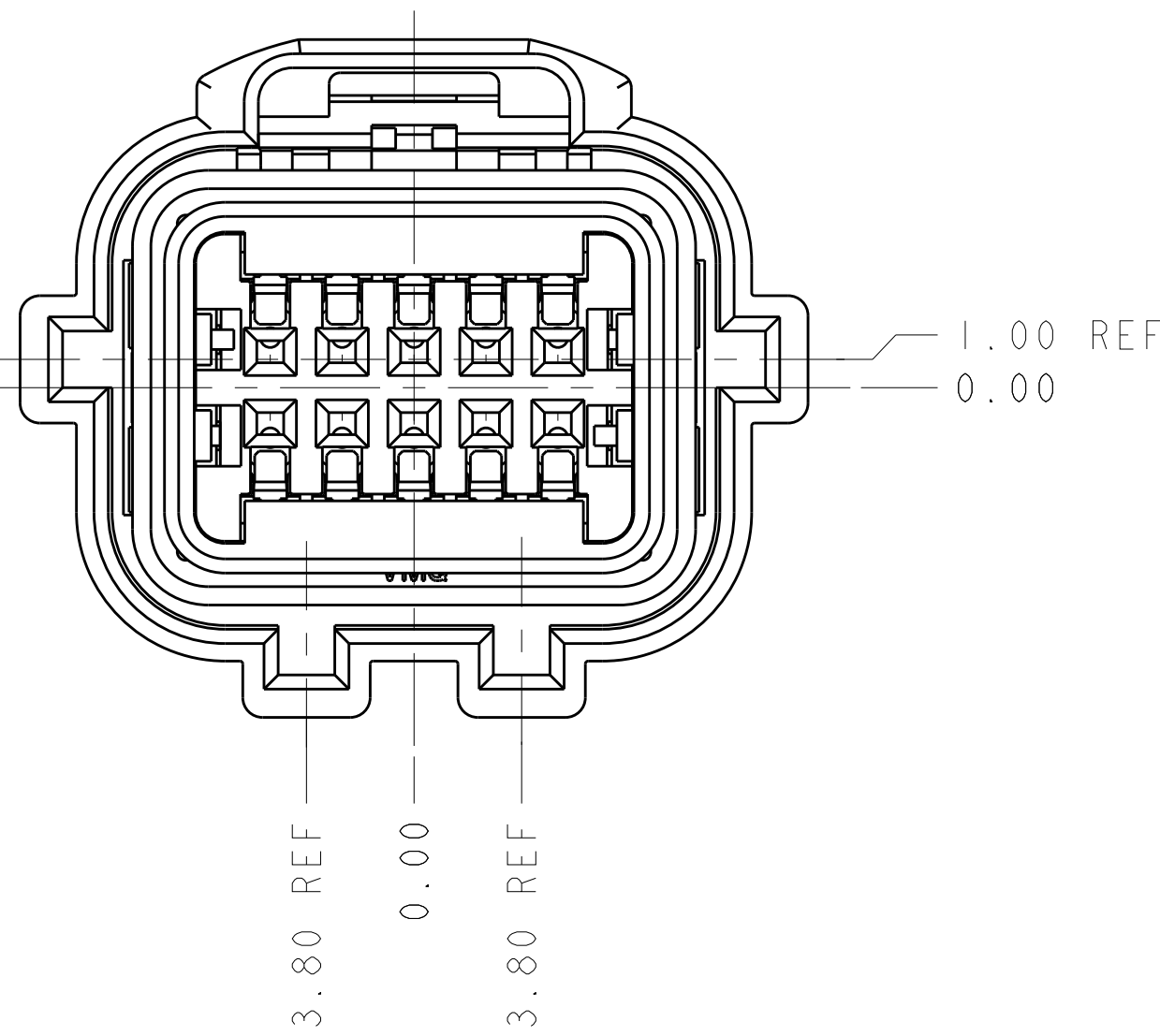
REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	APVD.
-	-	SEE SHEET 1	-	-	-



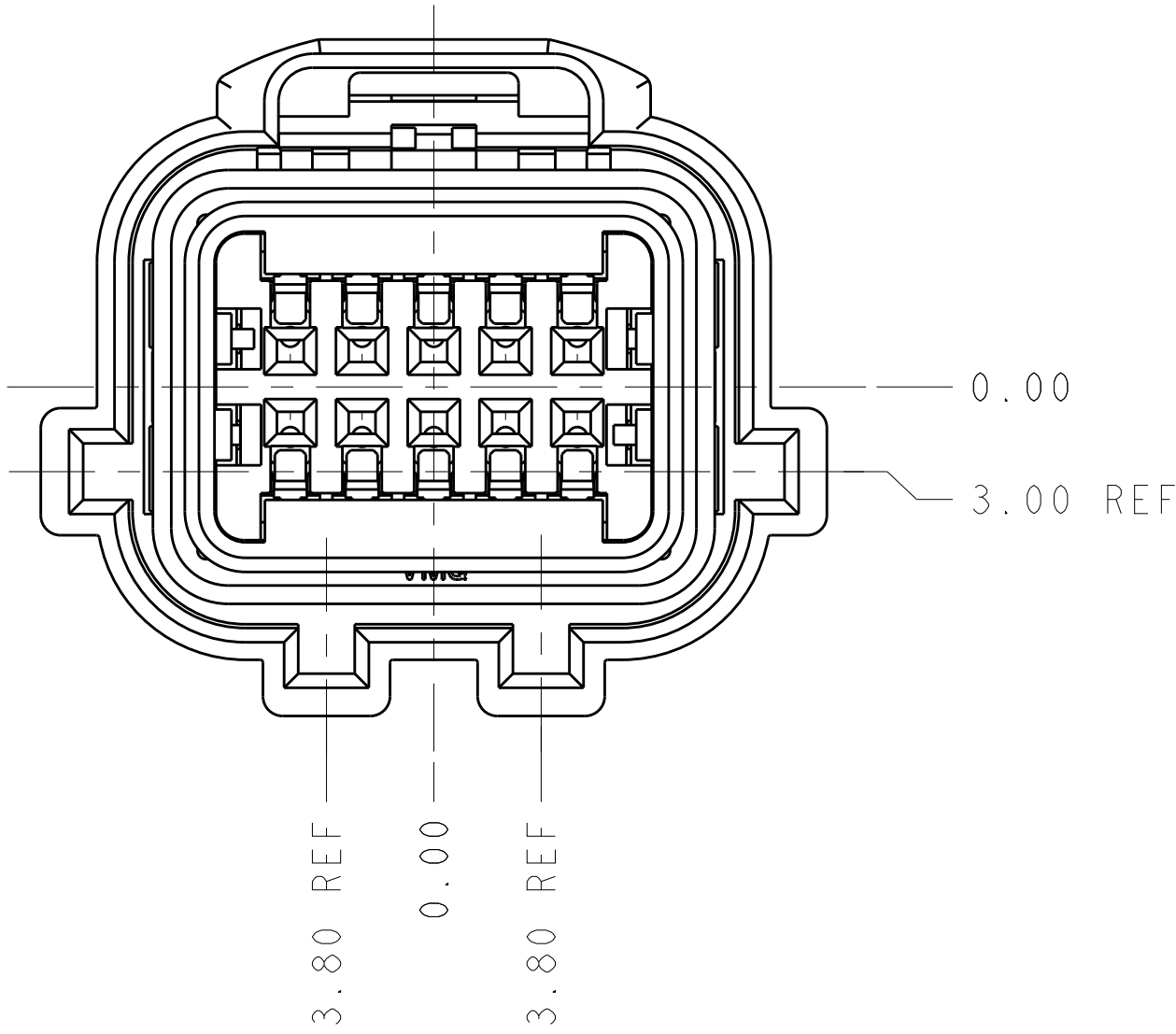
KEY CODE "A"
(APPLIES TO -5, 2--1, 2--2,
2--3 THRU 3--1 & 5--4 ONLY)
SCALE 4:1



KEY CODE "B"
(APPLIES TO -6 ONLY)
SCALE 4:1



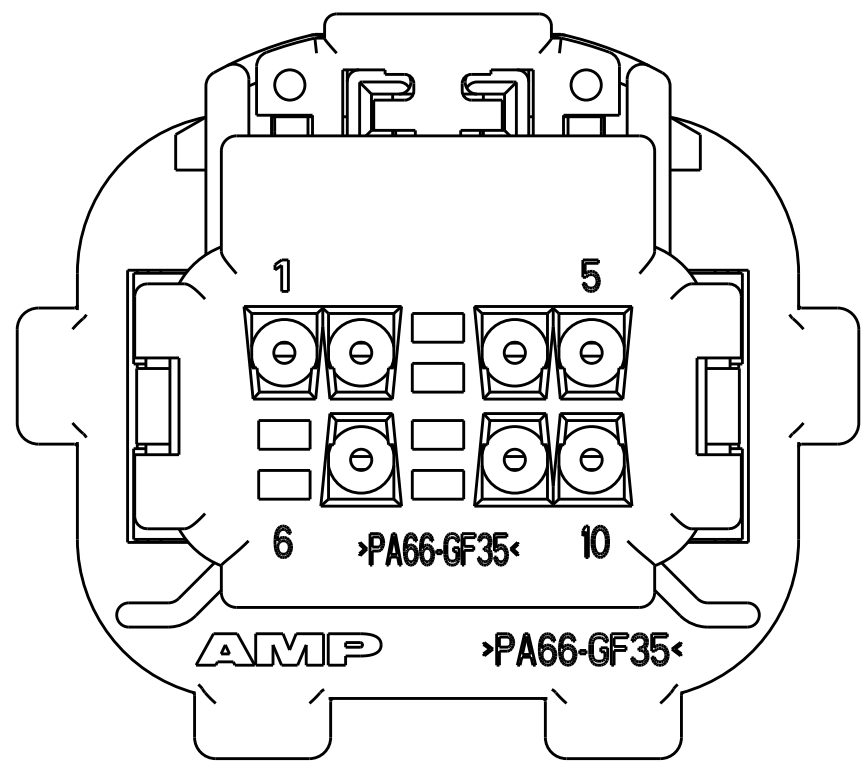
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(APPLIES TO -7 ONLY)
SCALE 4:1



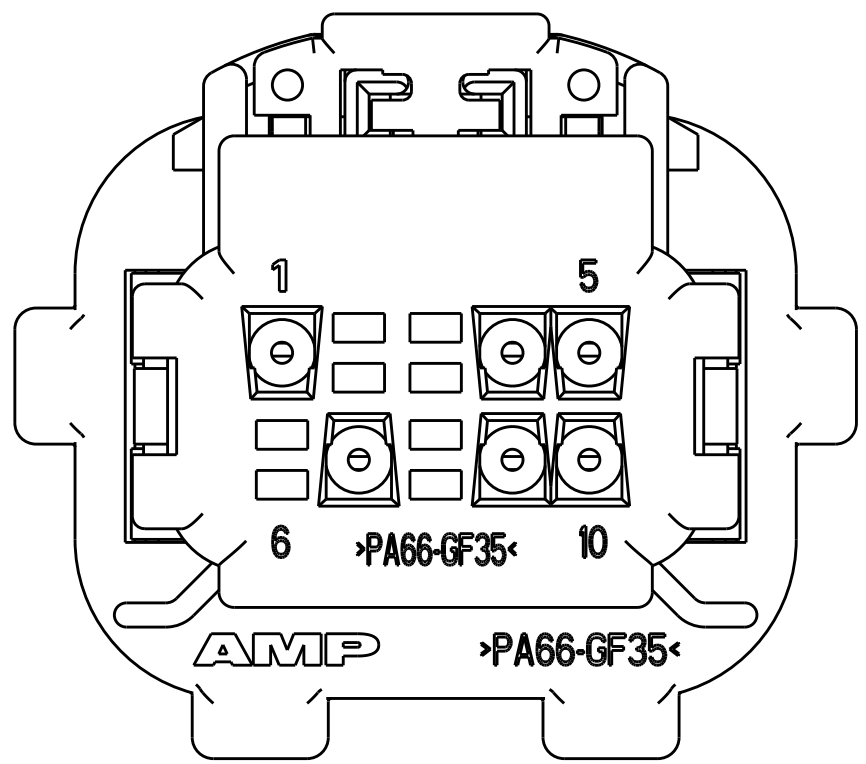
KEY CODE "D"
(APPLIES TO -8 ONLY)
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. FOLTZ	22FEB00	 TE Connectivity	
		CHK M. SHORE	08MAY01		
DIMENSIONS:		APVD S. BALON	08MAY01	NAME	
mm		PRODUCT SPEC		PLUG ASSEMBLY, 10 POSITION 2X5, SEALED, 0.64mm CONNECTOR	
		APPLICATION SPEC			
		SAE/USCAR-2 8/97		SIZE	
		ANGLES		CAGE CODE	
		FINISH		DRAWING NO	
MATERIAL		WEIGHT		RESTRICTED TO	
-		-		A100779C=638517	
-		CUSTOMER DRAWING		SCALE	
				4:1	
				SHEET	
				2	
				OF	
				3	
				REV	
				K8	

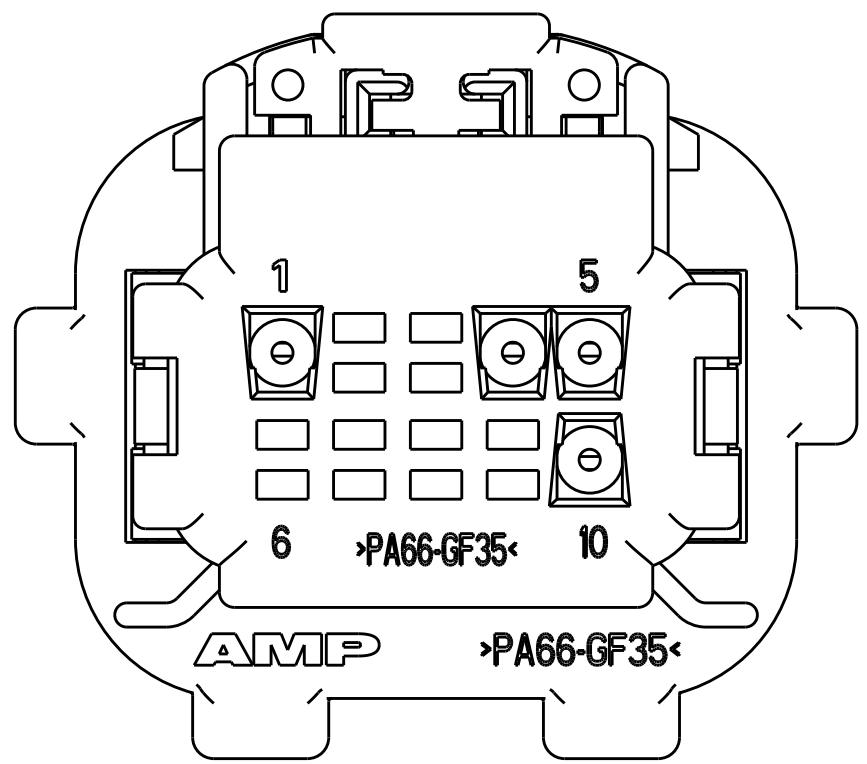
REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	APVD.
-	-	SEE SHEET 1	-	-	-



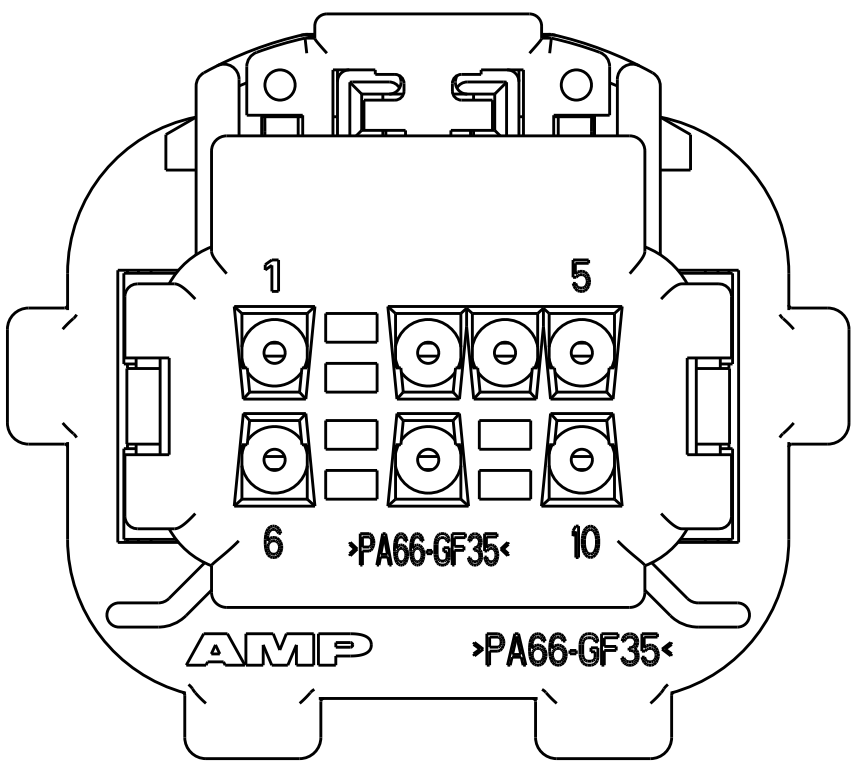
VIEW SHOWS COVER,
FOR 2-638517-1



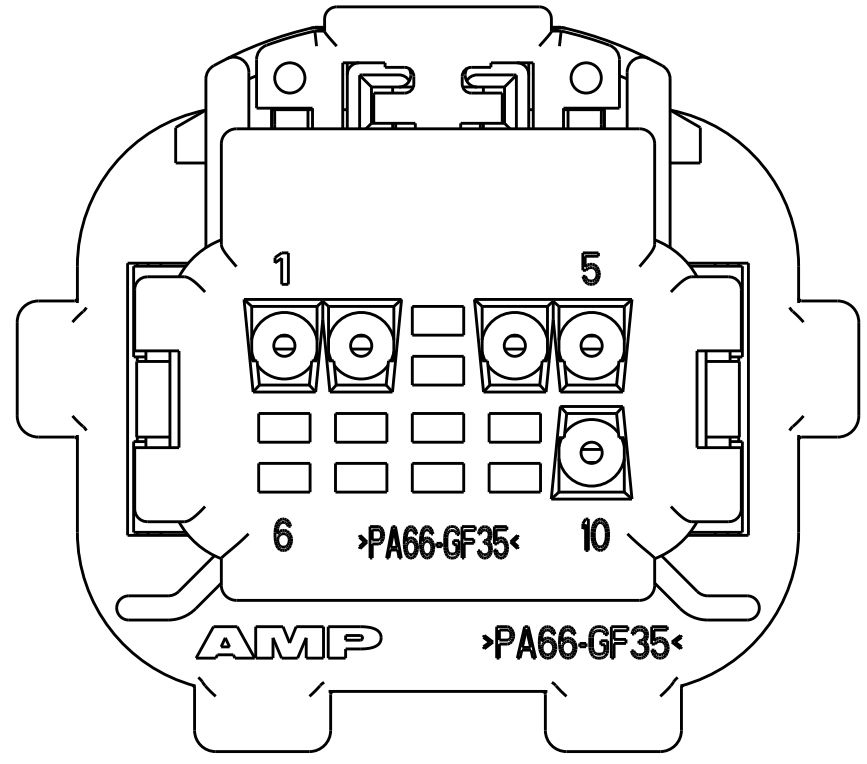
VIEW SHOWS COVER,
FOR 2-638517-2



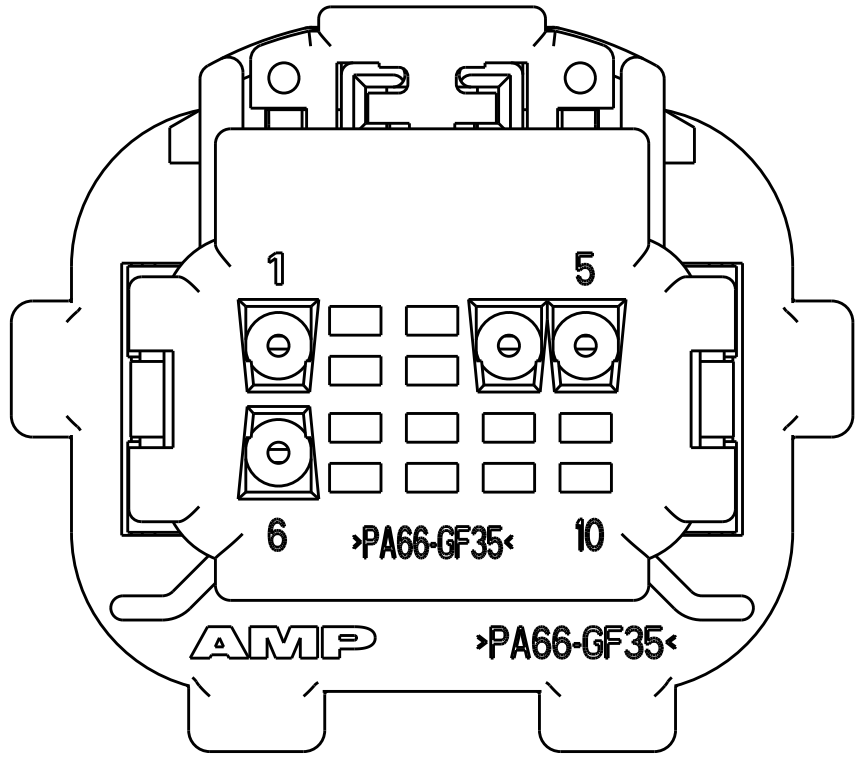
VIEW SHOWS COVER,
FOR 2-638517-3



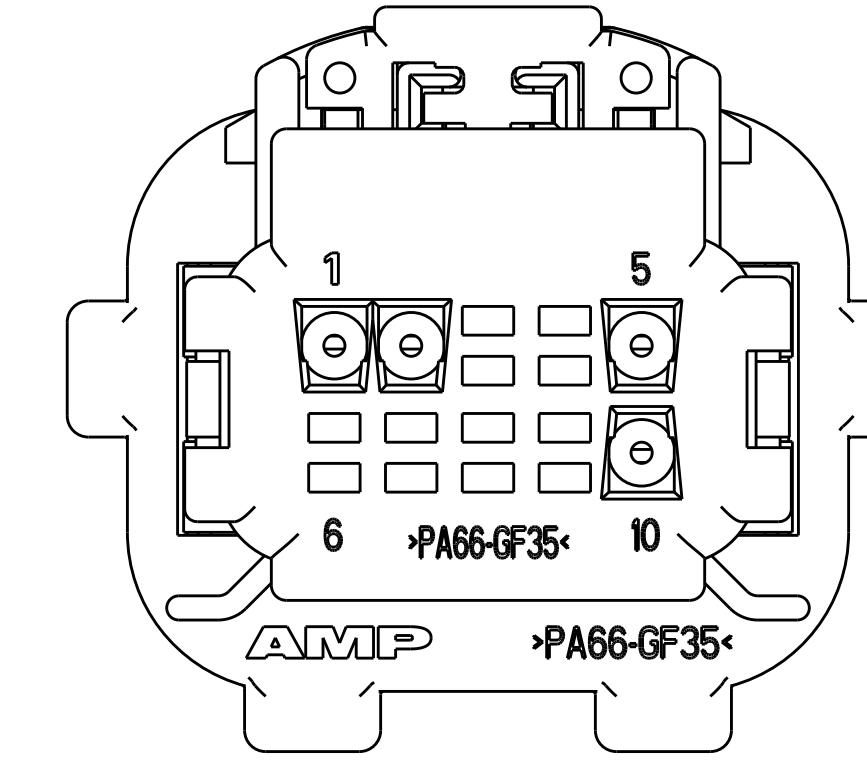
VIEW SHOWS COVER,
FOR 2-638517-4 & 5-638517-4



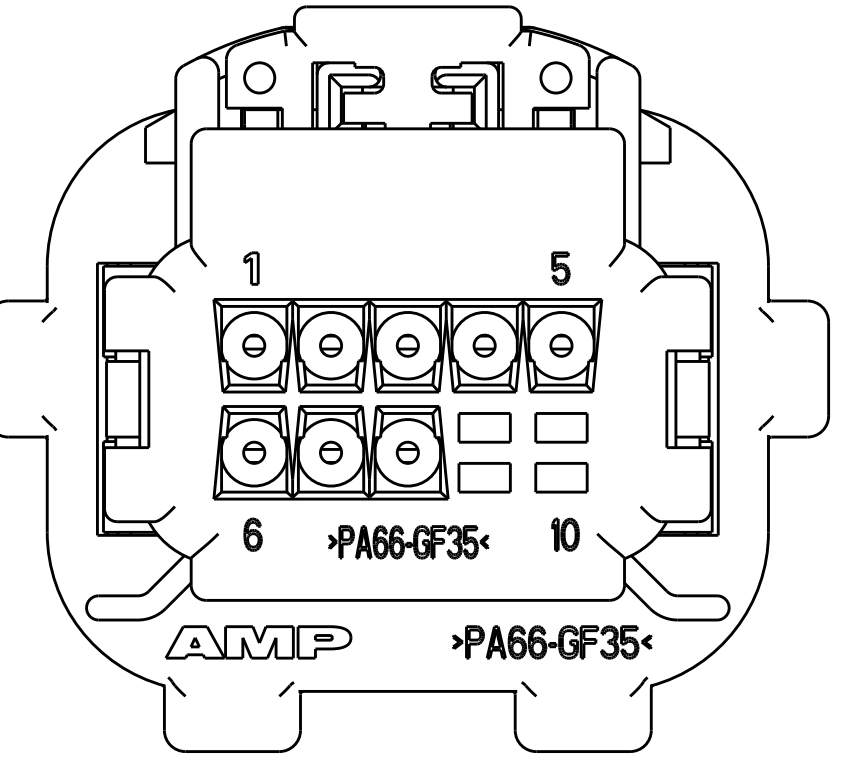
VIEW SHOWS COVER,
FOR 2-638517-5



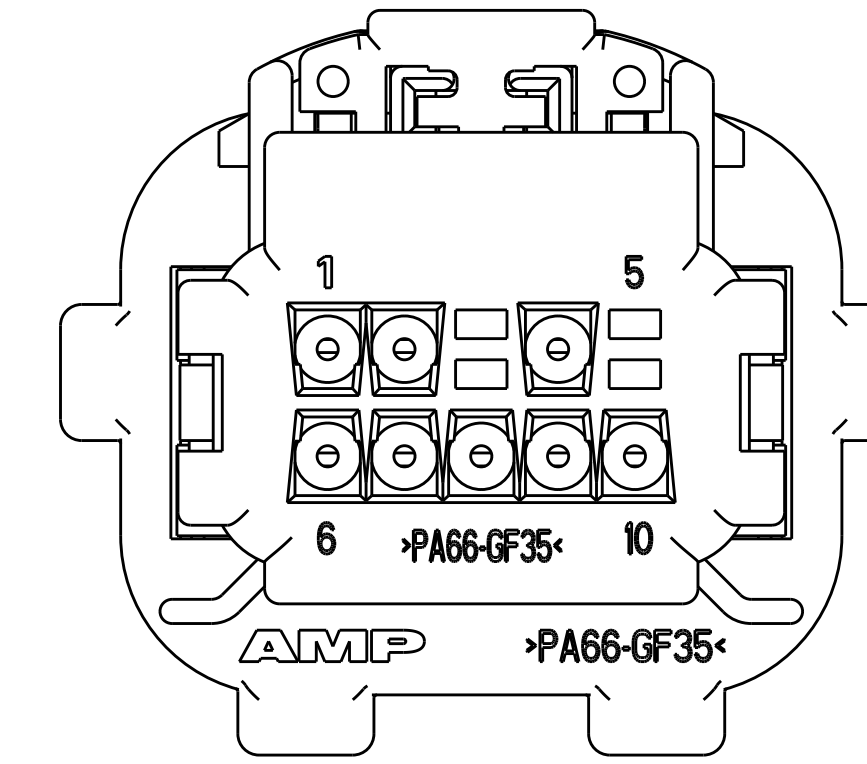
VIEW SHOWS COVER,
FOR 2-638517-6



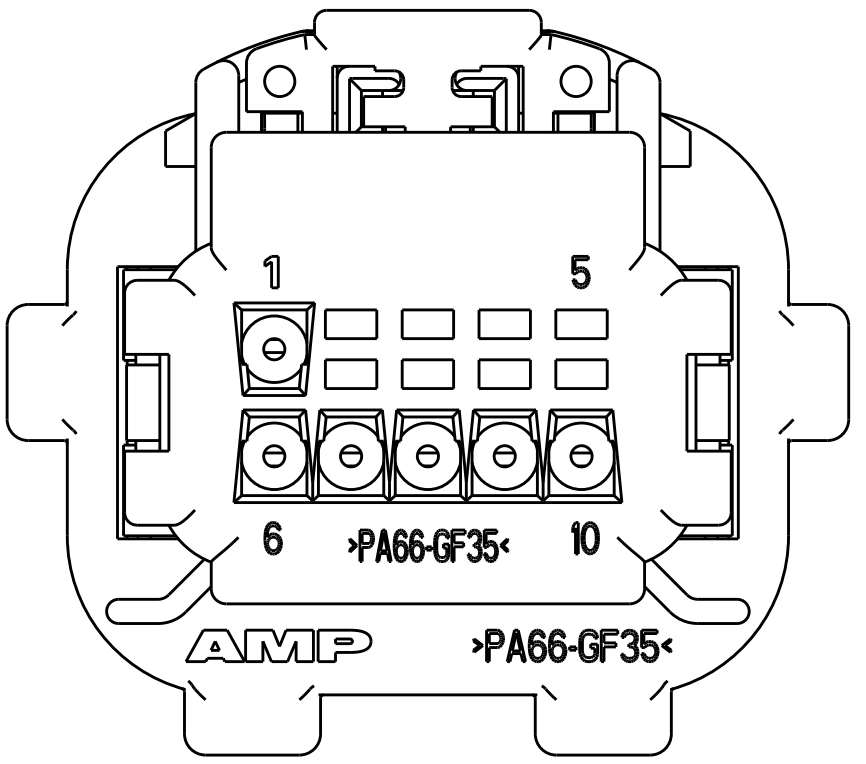
VIEW SHOWS COVER,
FOR 2-638517-7



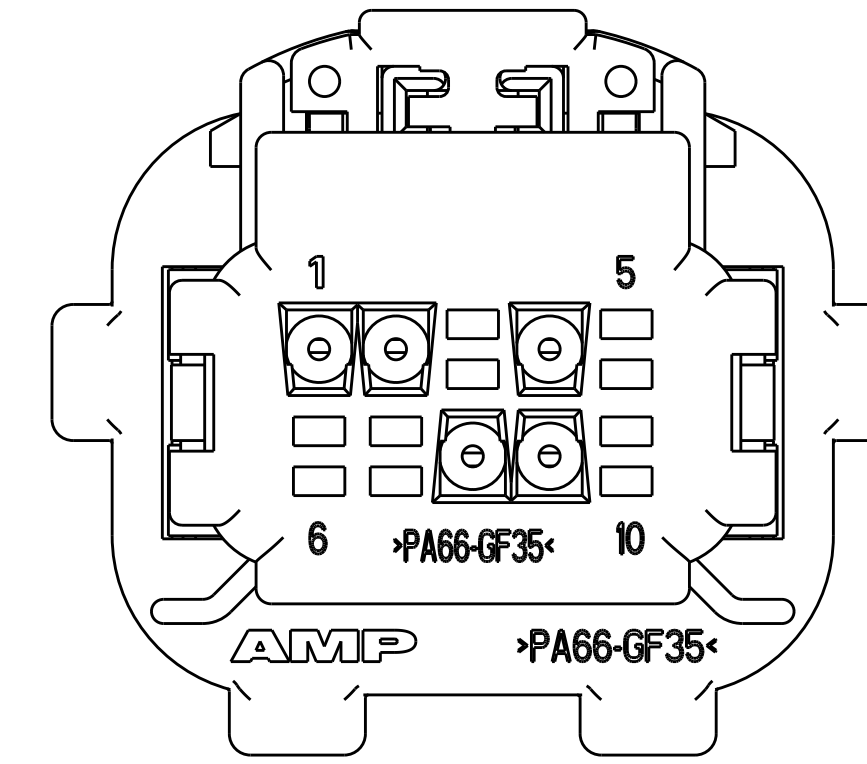
VIEW SHOWS COVER,
FOR 2-638517-8



VIEW SHOWS COVER,
FOR 2-638517-9



VIEW SHOWS COVER,
FOR 3-638517-0



VIEW SHOWS COVER,
FOR 3-638517-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. FOLTZ	22FEB00	 TE Connectivity	
		CHK M. SHORE	08MAY01		
DIMENSIONS:		APVD S. BALON	08MAY01	NAME	
mm		PRODUCT SPEC		PLUG ASSEMBLY, 10 POSITION 2X5, SEALED, 0.64mm CONNECTOR	
		APPLICATION SPEC		SIZE	

Mouser Electronics

Authorized Distributor

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[2-638517-1](#)