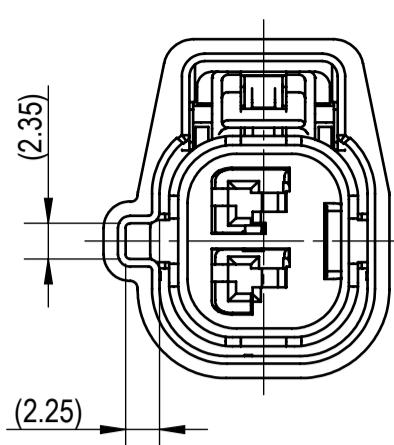
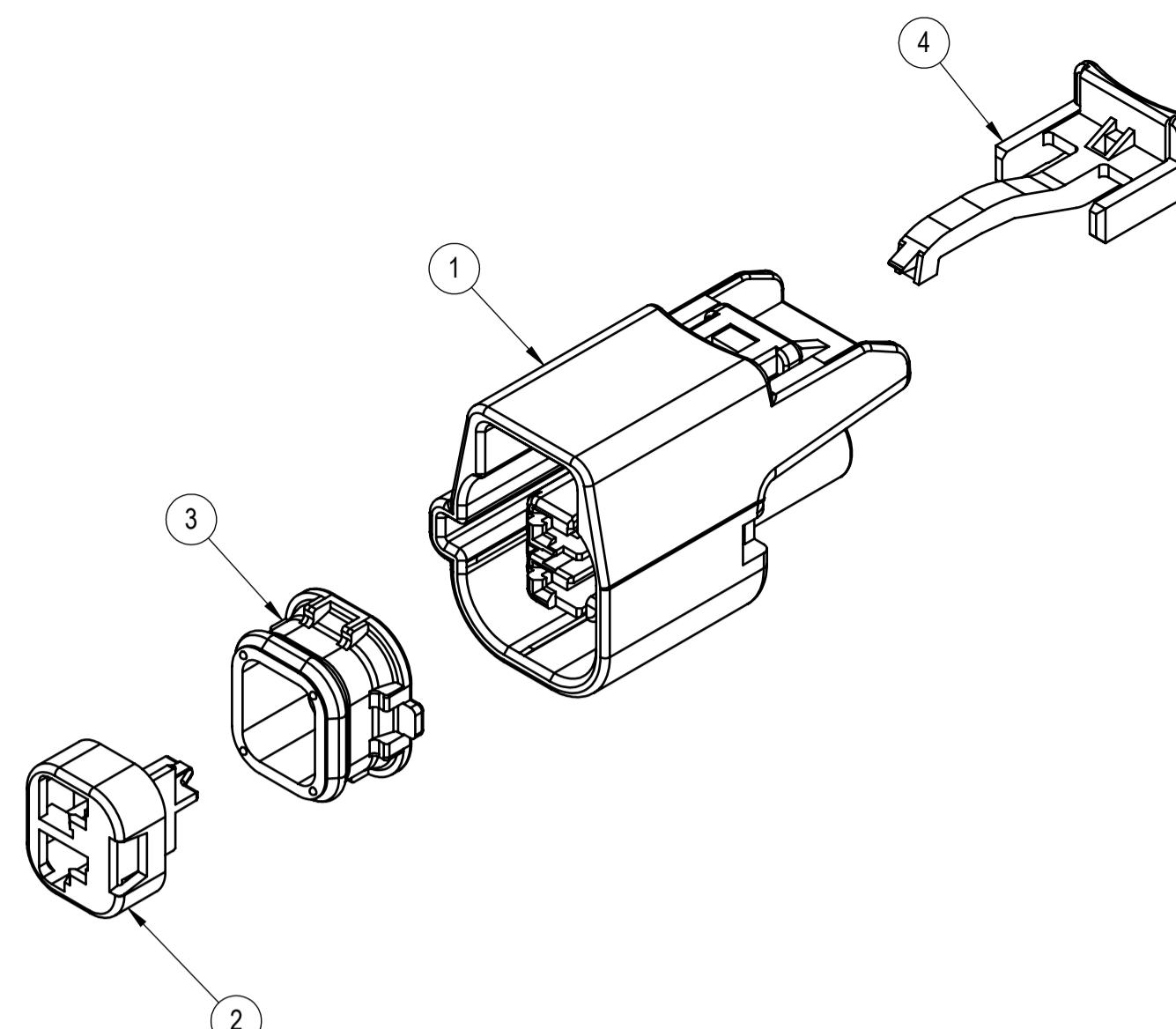


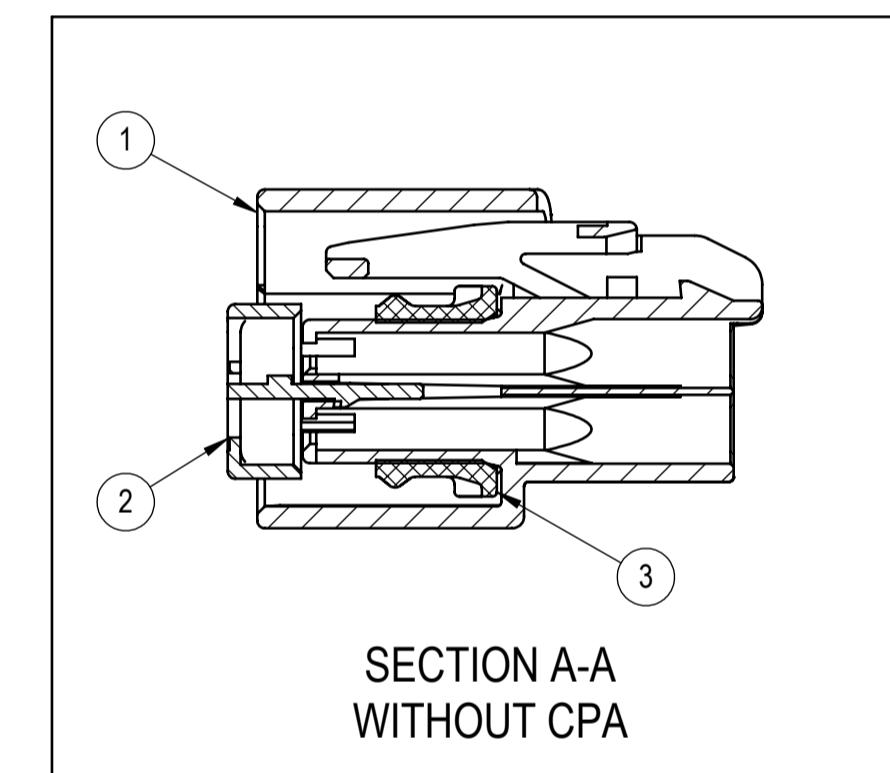
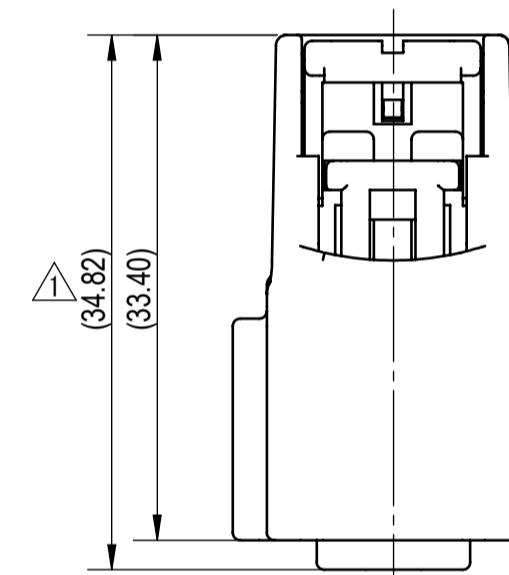
SUB-ASSEMBLY PART NUMBER	NO.	PART NUMBER	PART NAME	MATERIAL	COLOR	QUANTITY	△ MASS (g)
7287-8378-40	①	7187-8378-40	2P 1.5mm YESC SEALED FEMALE CONNECTOR HOUSING (D-KEYWAY)	PBT-GF15	LIGHT GRAY	1	(6.61)
	②	7172-0186	2P 1.5mm YESC SEALED FEMALE CONNECTOR TPA	PBT	NATURAL	1	
	③	7137-2885-50	2P DELPHI GT 1.5mm SEALED FEMALE CONNECTOR INTERFACE SEAL	SILICONE	RED	1	
	④	7173-0396-50	2P 1.5mm YESC SEALED FEMALE CONNECTOR CPA	PBT-GF15	RED	1	
7287-8441-40	①	7187-8378-40	2P 1.5mm YESC SEALED FEMALE CONNECTOR HOUSING (D-KEYWAY)	PBT-GF15	LIGHT GRAY	1	(6.13)
	②	7172-0186	2P 1.5mm YESC SEALED FEMALE CONNECTOR TPA	PBT	NATURAL	1	
	③	7137-2885-50	2P DELPHI GT 1.5mm SEALED FEMALE CONNECTOR INTERFACE SEAL	SILICONE	RED	1	



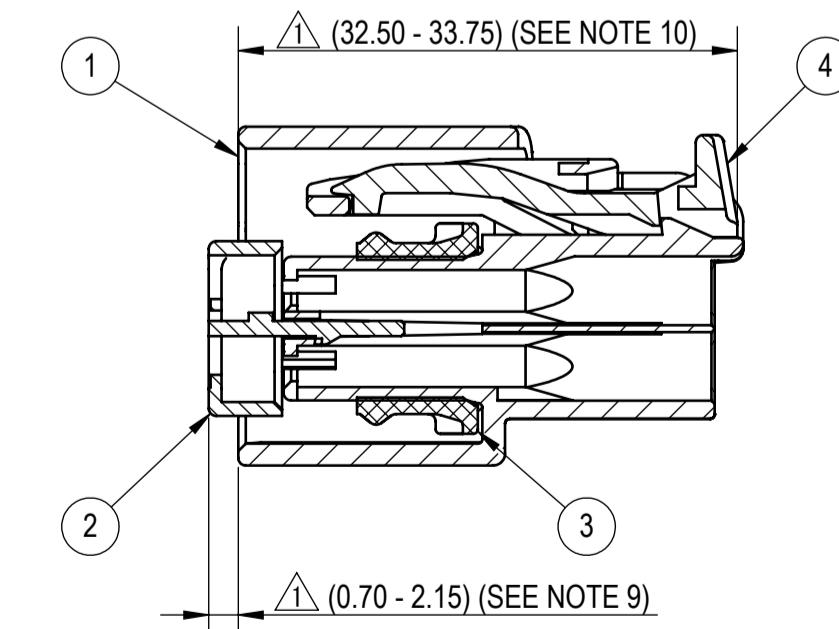
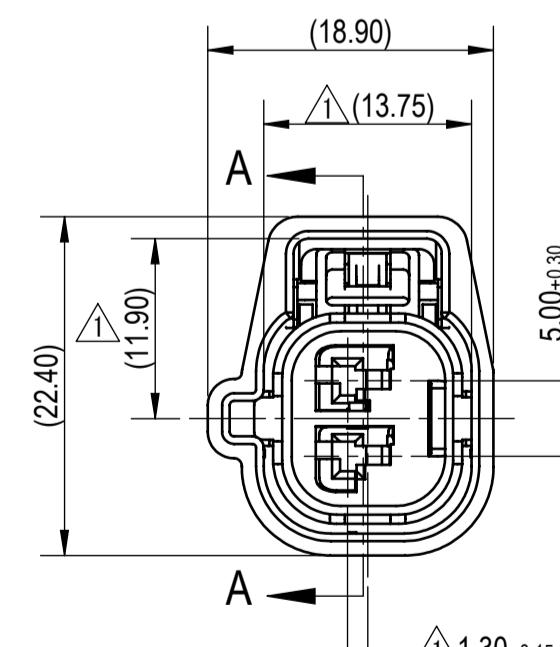
△ 7287-8378-40, ETC.
KEYWAY D



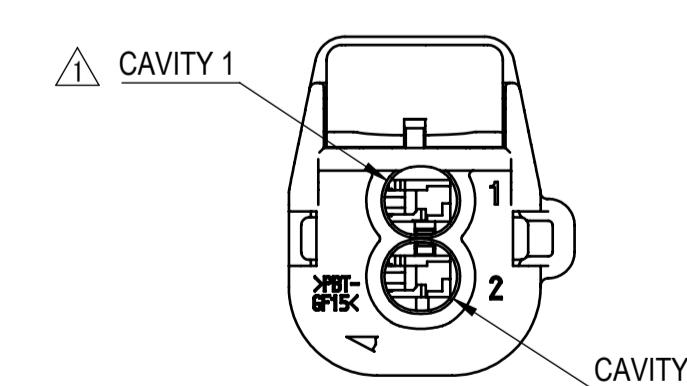
△ EXPLODED VIEW (2/1)



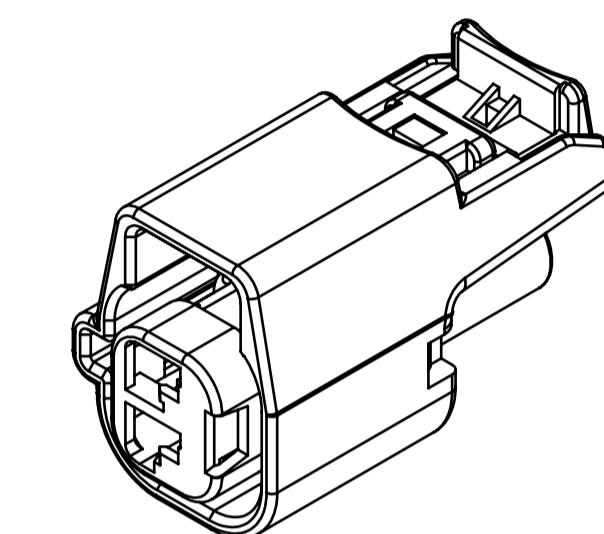
SECTION A-A WITHOUT CP



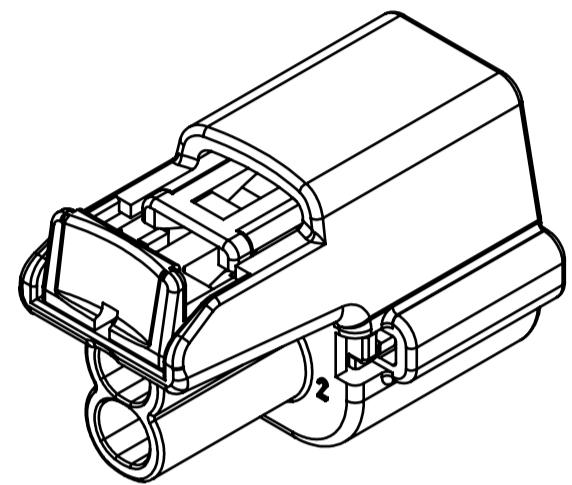
SECTION A-



**⚠ RECOMMENDED PASS-THROUGH
HOLE DIMENSION
(1mm CLEARANCE ALL AROUND)
(2/1)**



FRONT ISOMETRIC VIEW (2/1)



△ REAR ISOMETRIC VIEW (2/1)

1 NOTES

1. PARTS MUST BE PURCHASED FROM YAZAKI.
2. PARTS MUST BE FREE OF FLASH AND IMPERFECTIONS THAT AFFECT FUNCTION.
3. APPLICABLE TERMINAL: SEE 7116-4102-02:R DRAWING (1.5 YESC SEALED)
MAX WIRE OD: 2.70mm
MIN WIRE OD: 1.20mm
4. APPLICABLE WIRE SEAL: SEE 7158-3030-50:R DRAWING (1.5 YESC SEALED)
5. APPLICABLE CAVITY PLUG: SEE 7158-3032-60:R DRAWING (1.5 YESC SEALED)
6. MATING PART NUMBER: SEE 7287-8378-40:A
7. PART SATISFIES USCAR-2, REVISION 6, FEBRUARY 2013, (T3/V2/S2/MF2) WITH THE FOLLOWING EXCEPTIONS:
 - 5.4.5 TPA FULL INSTALL TO PRE-SET AFTER INITIAL REMOVAL = 12.4N MIN.
 - 5.4.5 CPA FULL INSTALL TO PRE-SET = 3.9N - 30N
 - 5.4.9 CAVITY DAMAGE SUSCEPTIBILITY: ONE CAVITY DAMAGED WITH PARTIAL TERMINAL DETECTED, TERMINAL RETENTION WAS 101.0N
8. PART TO COMPLY WITH YPES-31-038 REQUIREMENTS.
9. THIS DIMENSION SHOWS THE PRE-SET POSITION OF THE TPA.
10. THIS DIMENSION SHOWS THE PRE-SET POSITION OF THE CPA.
11. THIS DRAWING IS TO BE USED FOR INTERNAL YAZAKI PSW SUBMISSION.
12. HANDLING MANUAL NUMBER: YPES-15-298E

CUSTOMER CUSTOMER PART NO. <input type="text"/> CUSTOMER DWG NO. <input type="text"/>						MATL. SPEC. NAME	SEE TABLE	TREAT. & FIN.	ISSUE MARK N/A
OFFICE YNA TRIAL PART NO. <input type="text"/>						2P 1.5mm YESC (5.00mm PITCH) SEALED			
VENDOR VENDOR NO. <input type="text"/>						FEMALE CONNECTOR SUB-ASSEMBLY (D-KEYWAY)			
NT	DWG TYPE	DWG SOURCE	DWG DATE	UNIT	SCL	ANGLE	PART NO. CH. CODE	7287-8378-40, ETC.	
	R	7287-8378-40:M 	08-29-2013	mm	2/1	3	DWG NO.	7287-8378-40:R	
5	APPROVED	CHECKED	CHECKED	DESIGN	DRAWN		YAZAKI CORPORATION		
E				WAI-SZE LOK	HECTOR AVITIA				
				05-02-2011	10-23-2018				

1	05-02-2018	ADDED TEST FAILURES & UPDATED TO LATEST STANDARDS	C18-A365	H.A.
-	08-29-2013	NEW	C13-A516	W.L.
LET	DATE	REVISION RECORD	NO.	CHKD