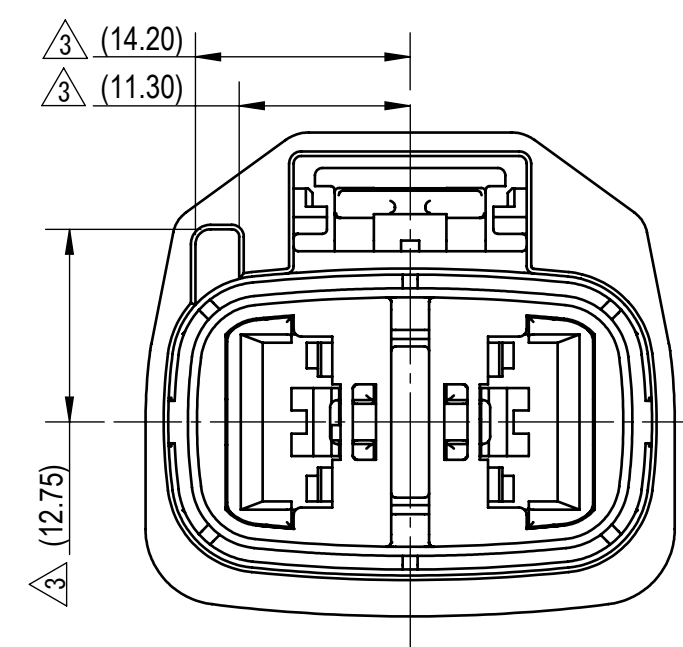
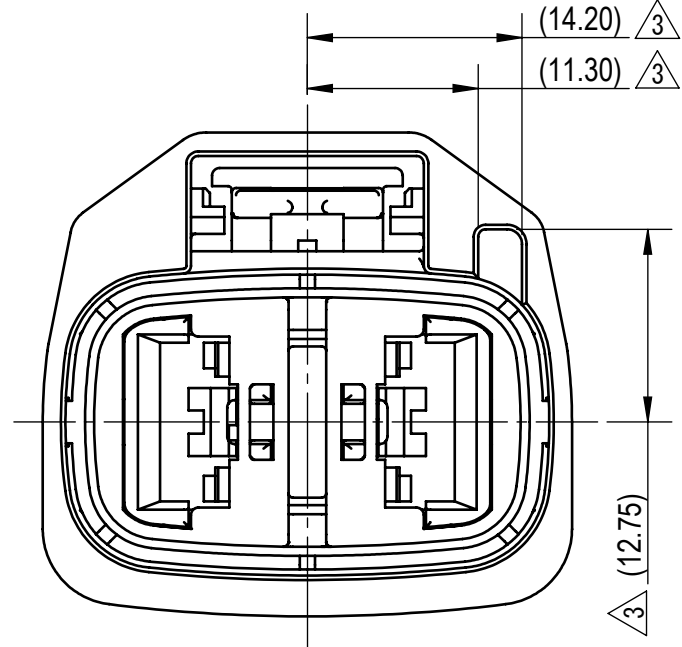
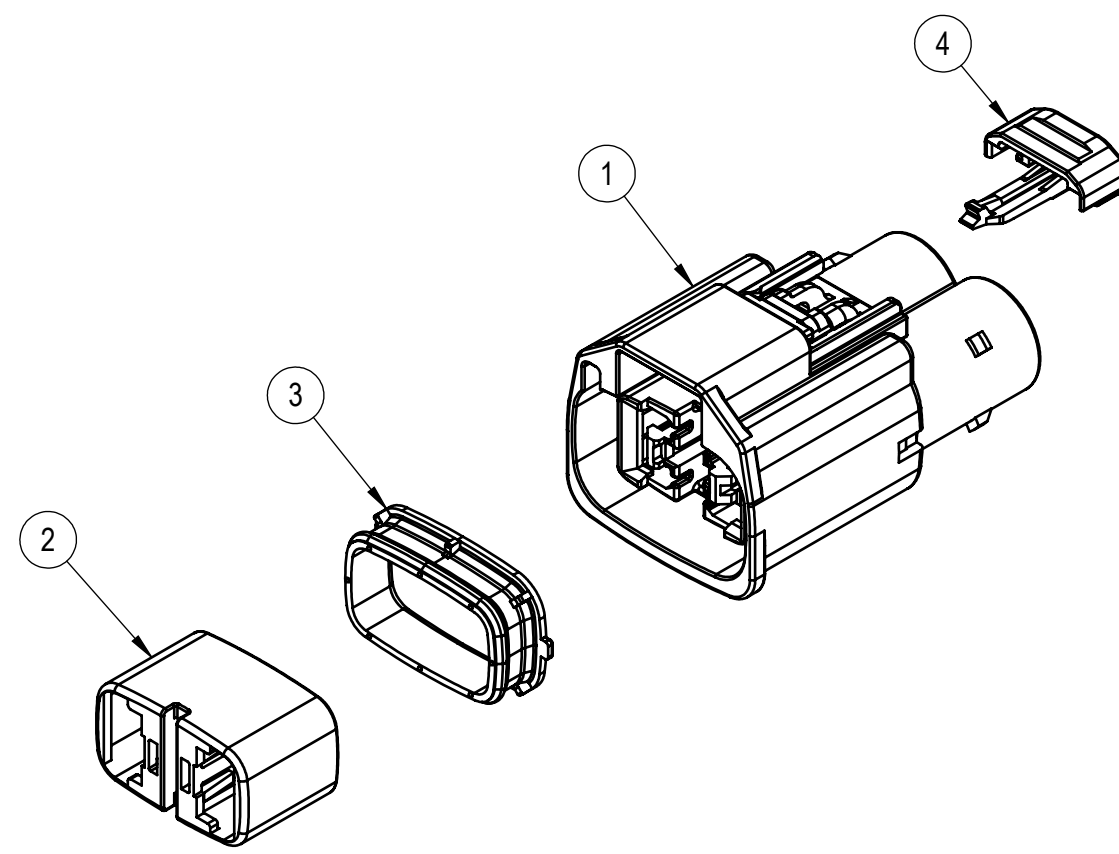




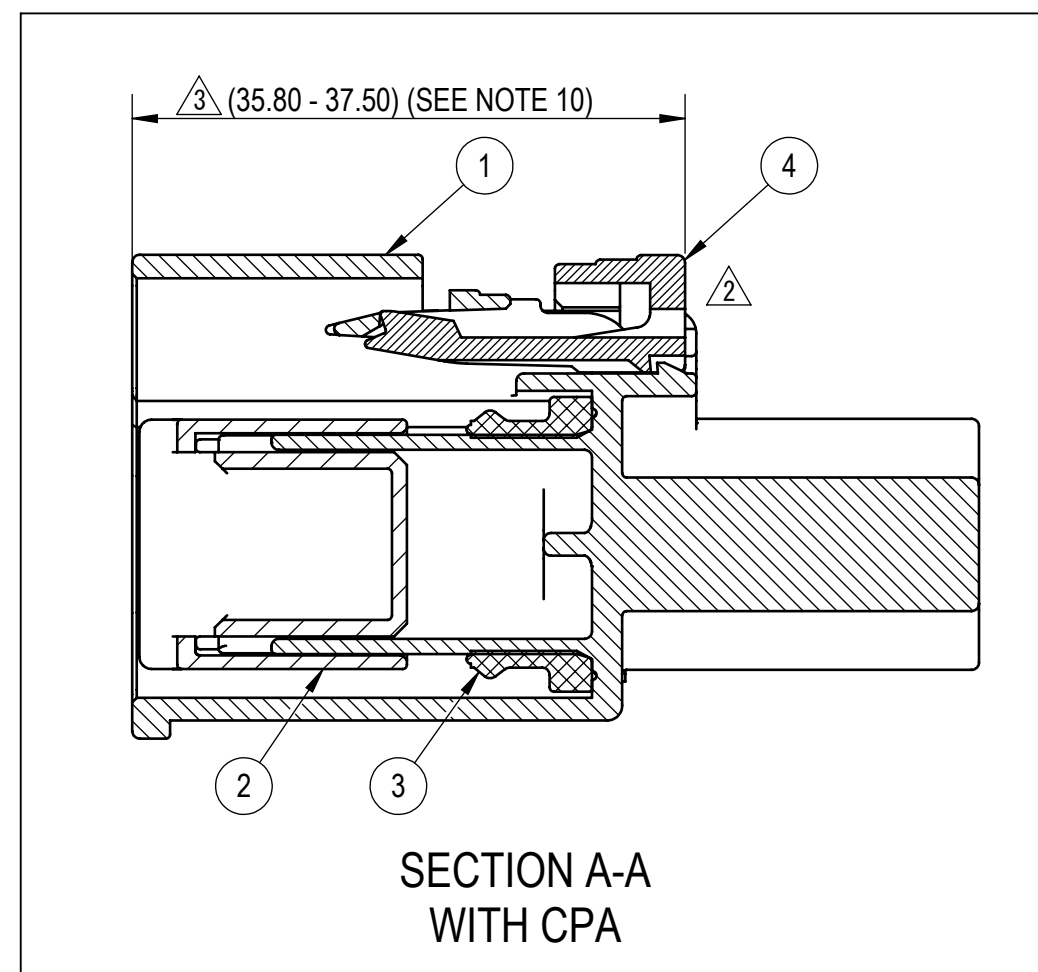
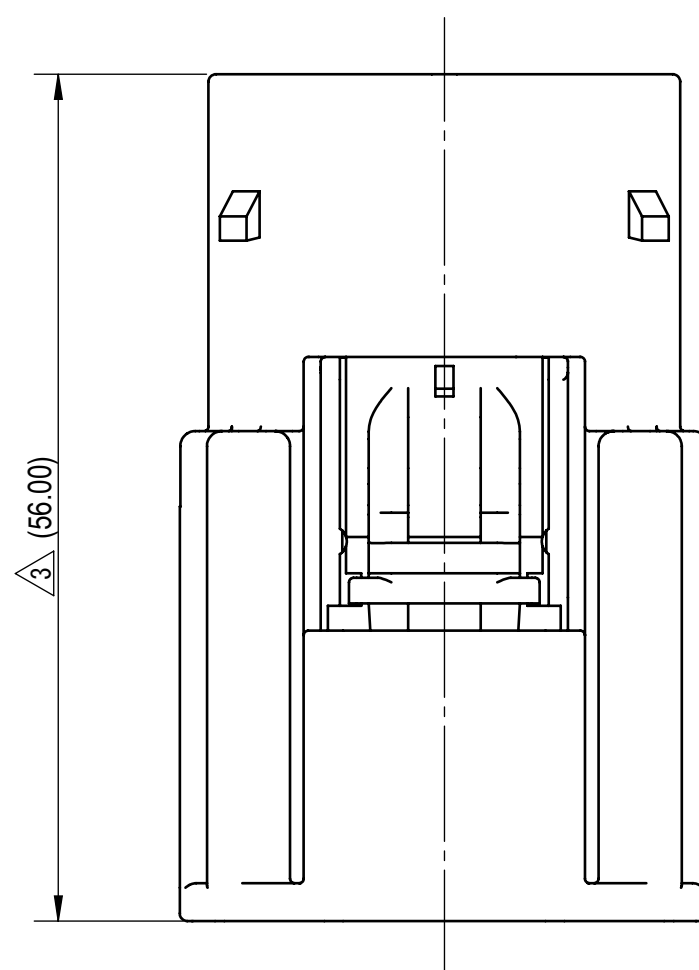
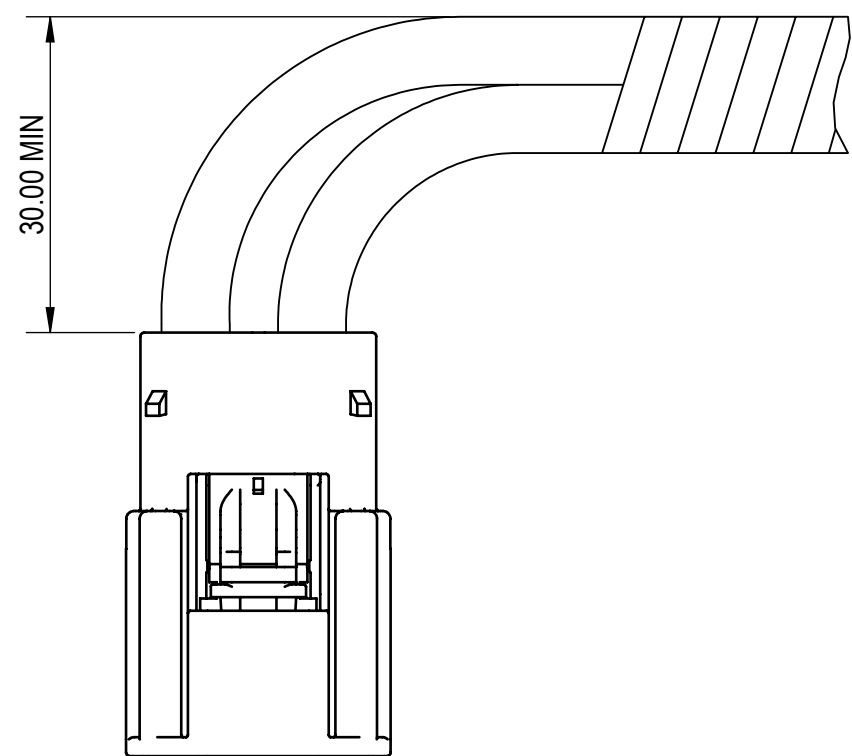
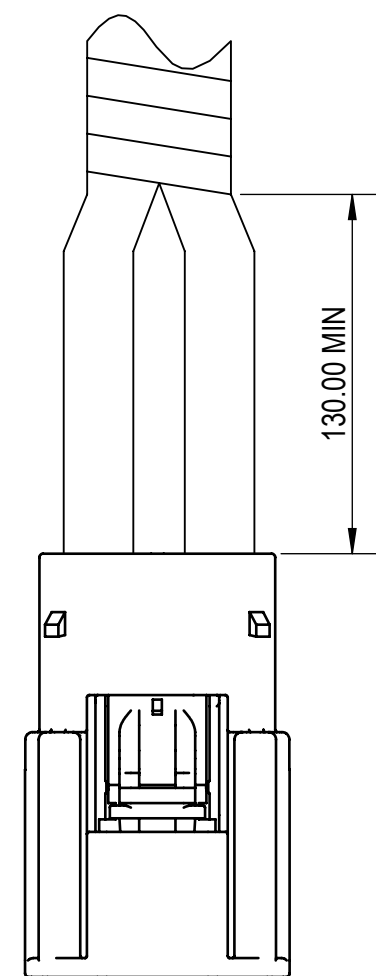
KEYWAY A



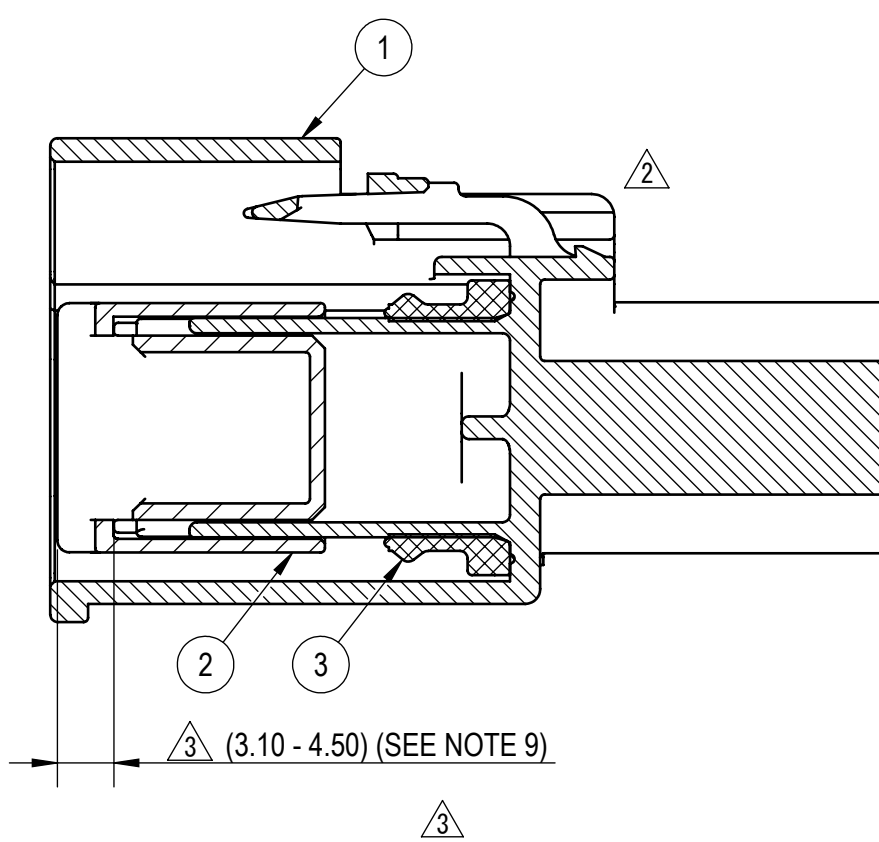
KEYWAY B



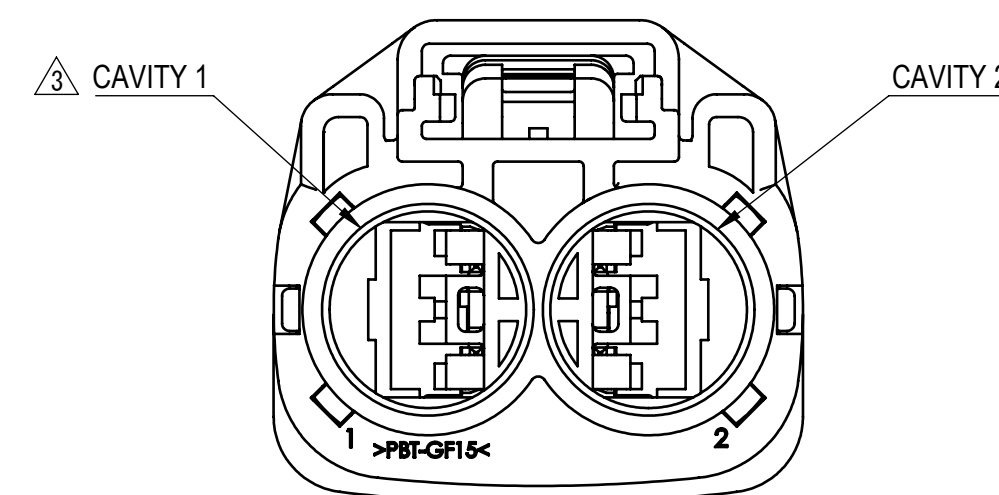
△ 3 EXPLODED VIEW
(1/1)



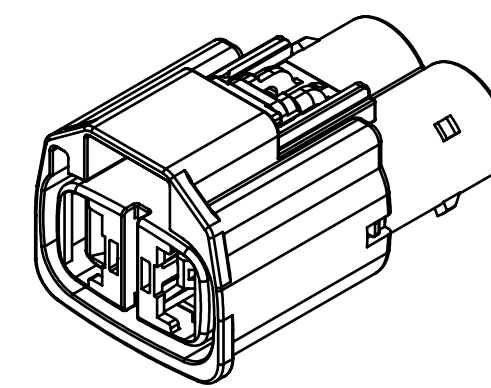
SECTION A-A
WITH CPA



SECTION A-A



FRONT ISOMETRIC VIEW
(1/1)



3 REAR ISOMETRIC VIEW
(1/1)

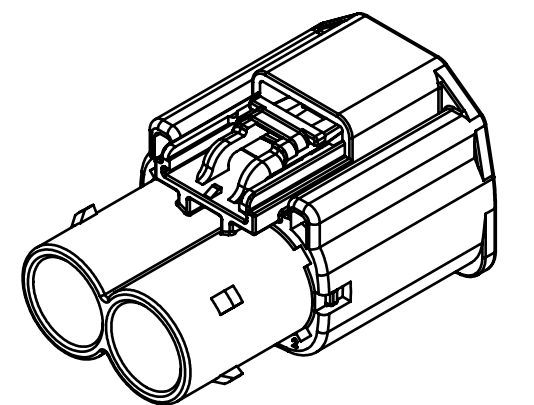


TABLE 1	SUB-ASSEMBLY PART NUMBER	NO.	PART NUMBER	PART NAME	MATERIAL	COLOR	QUANTITY
	SEE TABLE 2	①	SEE TABLE 2	2P 9.5mm SEALED FEMALE CONNECTOR HOUSING	PBT-GF15	SEE TABLE 2	1
		②	7172-0241	2P 9.5mm SEALED FEMALE CONNECTOR TPA	PBT-GF15	NATURAL	1
		③	7137-2297-50	2P 9.5mm SEALED CONNECTOR INTERFACE SEAL	SILICONE	RED	1
	SEE TABLE 2	①	SEE TABLE 2	2P 9.5mm SEALED FEMALE CONNECTOR HOUSING	PBT-GF15	SEE TABLE 2	1
		②	7172-0241	2P 9.5mm SEALED FEMALE CONNECTOR TPA	PBT-GF15	NATURAL	1
		③	7137-2297-50	2P 9.5mm SEALED CONNECTOR INTERFACE SEAL	SILICONE	RED	1
		④	7158-7080-50	CONNECTOR SECONDARY LOCK (CPA)	HPA	RED	1

TABLE 2	SUB-ASSEMBLY PART NUMBER	HOUSING PART NUMBER	KEYWAY	CPA	COLOR	MASS (g)
	7287-1991-30	7187-1990-30	A	N	BLACK	(22.10)
	7287-1990-30	7187-1990-30	A	Y	BLACK	(22.85)
	7287-1993-40	7187-1992-40	B	N	LIGHT GRAY	(22.10)
	7287-1992-40	7187-1992-40	B	Y	LIGHT GRAY	(22.85)

3 NOTES:

1. PARTS MUST BE PURCHASED FROM YAZAKI.
2. PARTS MUST BE FREE OF FLASH AND IMPERFECTIONS THAT AFFECT FUNCTION.
3. APPLICABLE TERMINAL: SEE 7116-5625-02:R DRAWING (YPT SEALED)(4mm² - 16mm²)(PREFERRED)
 - MAX WIRE OD: 8.30mm
 - MIN WIRE OD: 3.40mm
- SEE 7116-3285-02:R DRAWING (Y-TYPE SEALED)(10mm²)
 - MAX WIRE OD: 6.50mm
 - MIN WIRE OD: 5.50mm
- SEE 7116-3250:R DRAWING (Y-TYPE SEALED)(4mm² - 8mm²)
 - MAX WIRE OD: 5.00mm
 - MIN WIRE OD: 3.40mm
4. APPLICABLE WIRE SEAL: SEE 7158-3034-50:R DRAWING (Y-TYPE SEALED)
 - SEE 7158-3672-50:R DRAWING (YPT SEALED)
5. APPLICABLE CAVITY PLUG: SEE 7157-3583:R DRAWING
6. MATING PART NUMBER: SEE 7287-1991-30: A
7. PARTS SATISFIES USCAR 2, REV. 4, NOVEMBER 2004, (T3V2/S2/MF3), WITH THE FOLLOWING EXCEPTIONS:
 - USCAR 5.4.1. TERMINAL INSERTION FORCE (6 AWG WIRE) = 36N MAX.
8. PARTS 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-15-1204E
13. CONNECTOR IS CAPABLE OF ACCEPTING A DRESS COVER.

③	03-27-2019	UPDATED TO LATEST STANDARDS. ADDED AND REMOVED DIMENSIONS, ADDED VIEWS	C19-A304	HAP
②	11-01-2010	REVISE SHAPE	C10-A810	MMR
①	04-09-2009	REVISE NOTE	C09-A284	MMR
-	02-22-2008	NEW	C08-A434	DCH
LET	DATE	REVISION RECORD	NO.	CHKD

GENERAL TOLERANCE										ANGLE	ECCENT
	10MAX	50MAX	100MAX	250MAX	250OVR	R5 MAX	R10 MAX	R20 MAX	R20 OVR		
A	±0.15	±0.20	±0.30	±0.50	±0.75					±3°	0.1
B	±0.20	±0.30	±0.55	±0.95	±1.40	±0.20	±0.30	±0.50	±2.50	±3°	0.1
Ⓒ	±0.30	±0.50	±0.80	±1.40	±2.00					±3°	0.15
SPECIFIED										MASS	SEE TABLE 2

CUSTOMER							ISSUE MARK	
CUSTOMER PART NO.			CUSTOMER DWG NO.		MATL. SPEC.		SEE TABLE	TREAT. & FIN.
OFFICE YNA			TRIAL PART NO.		NAME			
VENDOR					2P 9.5mm SEALED FEMALE			
VENDOR NO.					CONNECTOR SUB-ASSEMBLY			
MT	DWG TYPE	DWG SOURCE	DWG DATE	UNIT	SCL	ANGLE	PART NO. CH. CODE	
	R	7287-1991-30:M	04-02-2008	mm	2/1	3	7287-1991-30, ETC.	
	APPROVED	CHECKED	CHECKED	DESIGN	DRAWN		DWG NO.	
	Digitally signed by jeremy.gagnon@yazaki.com DN: cn=jeremy.gagnon, o=yazaki, ou=engineering, email=jeremy.gagnon@yazaki.com jeremy.gagnon@yazaki.com	Digitally signed by James Littek DN: cn=James Littek, o=Yazaki, ou=Engineering, email=James.Littek@yazaki.com James Littek	Digitally signed by DEREK HARRIS DN: cn=DEREK HARRIS, o=Yazaki, ou=Engineering, email=Derek.Harris@yazaki.com DEREK HARRIS	Digitally signed by HECTOR AVITIA DN: cn=HECTOR AVITIA, o=Yazaki, ou=Engineering, email=Hector.Avitia@yazaki.com HECTOR AVITIA			7287-1991-30:R	
2							YAZAKI CORPORATION	