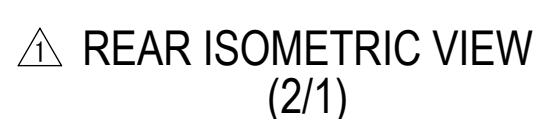
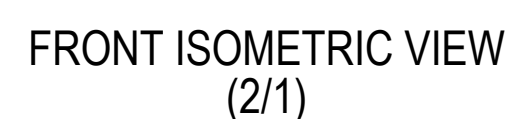
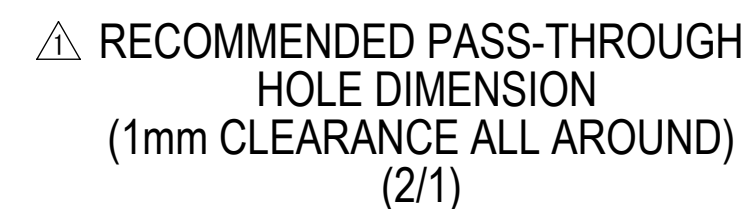



SUB-ASSEMBLY PART NUMBER	NO.	PART NUMBER	PART NAME	MATERIAL	COLOR	QUANTITY	△ MASS (g)
7287-8378-40	①	7187-8378-40	2P 1.5mm YESC SEALED FEMALE CONNECTOR HOUSING (D-KEYWAY)	PBT-GF15	LIGHT GRAY	1	(6.61)
	②	7172-0186	2P 1.5mm YESC SEALED FEMALE CONNECTOR TPA	PBT	NATURAL	1	
	③	7137-2885-50	2P DELPHI GT 1.5mm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



 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 7158-3030-60: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 7287-8378-40A
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 ON CAVITY DAMAGED WITH PARTIAL TERMINAL DETECTED, TERMINAL RETENTION WAS 101.0N
8. PART TO COMPLY WITH YPES-31-039 REQUIREMENT
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

	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

GENERAL TOLERANCE											
	10MAX	50MAX	100MAX	250MAX	250OVR	R5 MAX	R10 MAX	R20 MAX	R20 OVR	ANGLE	ECCEN
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
C	±0.30	±0.50	±0.80	±1.40	±2.00					±3°	0.15
SPECIFIED										MASS	SEE TABLE

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