



TABLE 1

SUB-ASSEMBLY PART NUMBER	NO.	PART NUMBER	PART NAME	MATERIAL	COLOR	QUANTITY
SEE TABLE 2	①	SEE TABLE 2	40P (2x6.3mm + 10x2.8mm + 28x1.2mm) SEALED MALE OUTER HOUSING	PBT-GF15	SEE TABLE 2	1
SEE TABLE 2	②	7188-8323-30	40P (2x6.3mm + 10x2.8mm + 28x1.2mm) SEALED MALE INNER HOUSING	PBT-GF15	BLACK	1
SEE TABLE 2	③	7172-1553	40P (2x6.3mm + 10x2.8mm + 28x1.2mm) SEALED MALE ISL	PBT-GF15	NATURAL	1
SEE TABLE 2	④	7172-1554-60	40P (2x6.3mm + 10x2.8mm + 28x1.2mm) SEALED MALE PPP	PBT-GF15	GREEN	1

TABLE 2

SUB-ASSEMBLY PART NUMBER	HOUSING PART NUMBER	YAZAKI INLINE MATING PART NUMBER	KEYWAY	COLOR	X = BLOCKED CAVITY																																																
					6.3	2.8	6.3	2.8																																													
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40									
7297-1013-30	7197-1013-30	7298-1001-30	A	BLACK																																																	
7297-1014-30	7197-1014-30	7298-1001-30	A	BLACK	X																																						X	X	X	X	X	X	X				
7297-1015-30	7197-1015-30	7298-1001-30	A	BLACK	X																																							X	X	X	X	X	X	X			
7297-1016-30	7197-1016-30	7298-1001-30	A	BLACK	X																																									X	X	X	X	X	X	X	
7297-1019-40	7197-1019-40	7298-1007-40	B	LIGHT GRAY																																												X	X				
7297-3120-10	7197-3120-10	7298-3114-10	C	DARK GRAY																																																	

- NOTES:
- PARTS MUST BE PURCHASED FROM YAZAKI.
 - PARTS MUST BE FREE OF FLASH AND IMPERFECTIONS THAT AFFECT FUNCTION.
 - APPLICABLE TERMINAL: SEE 7114-4140-02-R DRAWING (6.3 YESC SEALED)
MAX WIRE OD: 4.30mm (CAVITIES 1, 7)
MIN WIRE OD: 1.40mm (CAVITIES 1, 7)
SEE 7114-4150-02-R DRAWING (2.8 YESC SEALED)
MAX WIRE OD: 3.40mm (CAVITIES 2-6, 8-12)
MIN WIRE OD: 1.20mm (CAVITIES 2-6, 8-12)
SEE 10322345 DRAWING (1.2 MLK SEALED, 1.00mm² MAX)
MAX WIRE OD: 2.10mm (CAVITIES 13-40)
MIN WIRE OD: 1.20mm (CAVITIES 13-40)
 - APPLICABLE WIRE SEAL:
6.3mm (CAVITIES 1, 7): SEE 7158-3081-50-R AND 7158-3084-40-RA DRAWING (6.3 YESC SEALED)
2.8mm (CAVITIES 2-6, 8-12): SEE 7158-3111-60-R DRAWING (2.8 YESC)
1.2mm (CAVITIES 13-40): SEE 10129550-1 DRAWING (1.2 MLK) (Ø3.55mm CAVITY SIZE)
SEE 7172-5568-70-R DRAWING (1.2 YMT) (Ø3.55mm CAVITY SIZE)(PREFERRED)
SEE C-967067 DRAWING (1.2 TE)
 - APPLICABLE CAVITY PLUG:
6.3mm (CAVITIES 1,7): SEE 7158-3080-60-R DRAWING (6.3 YESC)
2.8mm (CAVITIES 2-6, 8-12): SEE 7158-3114-90-R DRAWING (2.8 YESC)
1.2mm (CAVITIES 13-40): SEE 10129550-1 DRAWING (1.2 MLK) (Ø3.55mm CAVITY SIZE)
SEE 7172-5572-90-R DRAWING (1.2 YMT) (Ø3.55mm CAVITY SIZE)(PREFERRED)
SEE 967056GEN DRAWING (1.2 TE)
 - MATING PART NUMBER: SEE TABLE 2
 - PART SATISFIES PF.90012, REV. B, APRIL 2017. (T3, V2, S3, MF3)
 - PART TO COMPLY WITH YPES-31-038 REQUIREMENTS.
 - THIS DIMENSION SHOWS THE PRE-SET POSITION OF THE ISL.
 - THIS DIMENSION SHOWS THE PRE-SET POSITION OF THE PPP.
 - THIS DRAWING IS TO BE USED FOR INTERNAL YAZAKI PSW SUBMISSION.
 - HANDLING MANUAL NUMBER: YPES-15-1844E
 - APPLICABLE WIRE COVER PART NUMBER:
180° WIRE COVER: 7174-2792-30
90° WIRE COVER: 7174-2791-30

Δ	04-05-2023	ADDED COMPATIBLE COVERS	C23-A212	U.E.
Δ	03-10-2020	ADDED CONFIGURATIONS, REVISED NOTE AND UPDATED PPP SHAPE	C20-A218	A.P.
-	09-30-2019	NEW	C19-A879	J.G.
LET	DATE	REVISION RECORD	NO.	CHKD

GENERAL TOLERANCE											
	10MAX	50MAX	100MAX	250MAX	250OVR	R5 MAX	R10 MAX	R20 MAX	R20 OVR	ANGLE	ECCENT
A	±0.15	±0.20	±0.30	±0.50	±0.75	±0.20	±0.30	±0.50	±2.50	±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 (46.6) g

CUSTOMER CUSTOMER PART NO.				CUSTOMER DWG NO.				MATL SPEC. SEE TABLE		TREAT. & FIN. N/A	
OFFICE YNA		TRIAL PART NO.				NAME 40P (2Px6.3mm + 10Px2.8mm + 28Px1.2mm)					
VENDOR						SEALED MALE CONNECTOR SUB-ASSEMBLY					
VENDOR NO.						PART NO. 7297-1013-30, ETC.		SET DWG NO. (1/1)			
		APPROVED		CHECKED		CHECKED		DESIGN ESTHER CRESWELL		DRAWN ULISES ESQUIVEL	
								10-05-2017		04-05-2023	
YAZAKI CORPORATION											

Mouser Electronics

Authorized Distributor

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