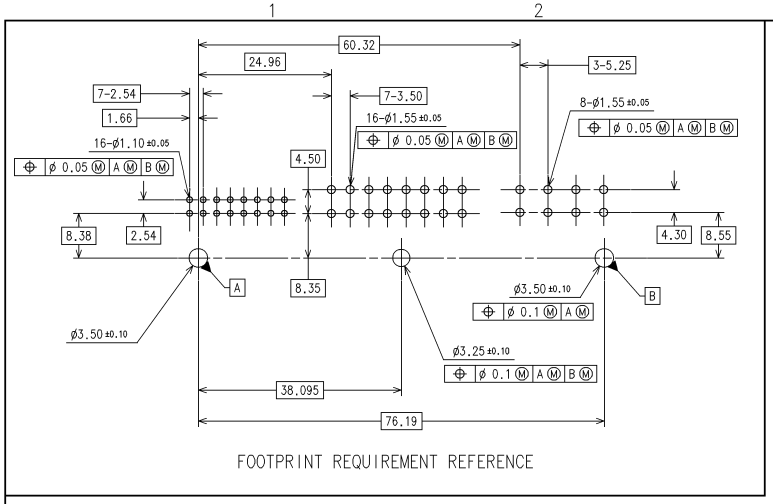
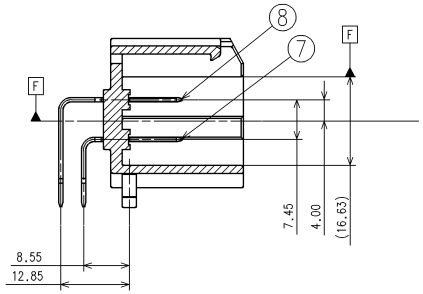
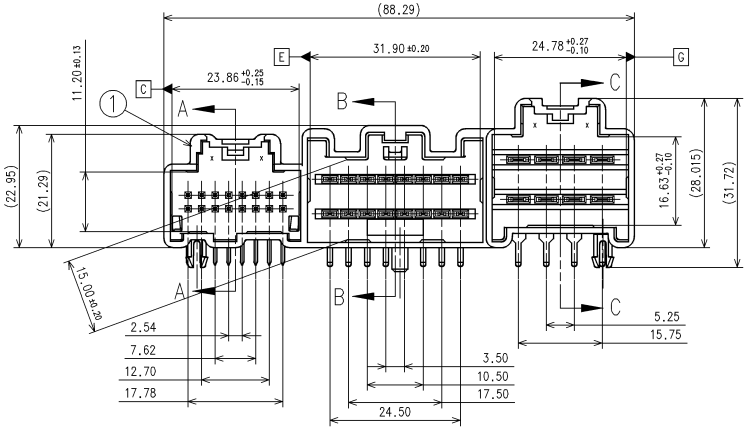


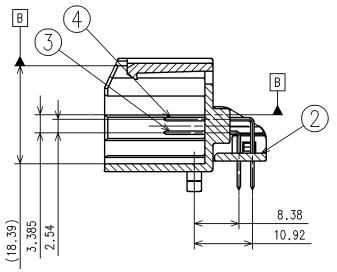
FOOTPRINT REQUIREMENT REFERENCE

SUB ASSEMBLY PART NUMBER	NO.	PART NUMBER	PART NAME	MATERIAL	COLOR	QUANTITY
7386-9729-3R	1	7186-9729-30	40P HYBRID UNSEALED MALE PCB HEADER CONNECTOR HSG (H)	PPA-GF15	BLACK	1
	2	7173-1329	16P 0.64 PCB HEADER CONNECTOR ALIGNMENT PLATE	PPA-GF15	NATURAL	1
	3	7114-3121-R2	0.64 PCB TERMINAL (LEAD-FREE)	BRASS	-	8
	4	7114-3122-R2	0.64 PCB TERMINAL (LEAD-FREE)	BRASS	-	8
	5	7114-3288-R2	1.50 PCB TERMINAL (LEAD-FREE)	BRASS	-	8
	6	7114-3289-R2	1.50 PCB TERMINAL (LEAD-FREE)	BRASS	-	8
	7	7114-5945-R2	2.80 PCB TERMINAL (LEAD-FREE)	BRASS	-	4
	8	7114-5946-R2	2.80 PCB TERMINAL (LEAD-FREE)	BRASS	-	4

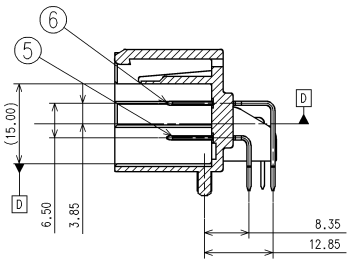


SECTION C-C

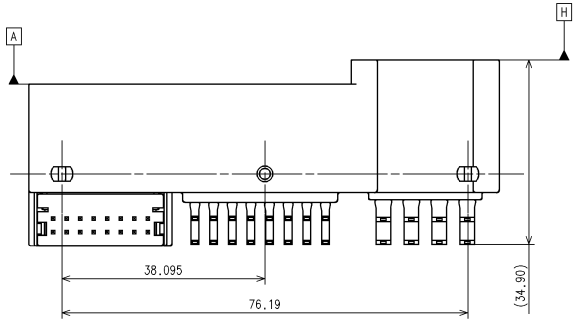




SECTION A-A



SECTION B-B



NOTES:
1. PARTS MUST BE PURCHASED FROM YAZAKI.
2. PARTS MUST BE FREE OF FLASH AND IMPERFECTIONS THAT AFFECT FUNCTION.
3. MATING PART NUMBERS:
   0.64 POCKET: 7283-9076-30
   1.50 POCKET: 6098-4611 (SUMITOMO)
   2.80 POCKET: 6098-4713 (SUMITOMO)
4. PART DESIGNED TO SATISFY USCAR 2. REVISION 3, APRIL 2001 (CLASS 2) WITH THE FOLLOWING EXCEPTIONS:
   A. SECTION 5.4.2 CONNECTOR ENGAGE FORCE (FOR 16P 0.64 POCKET) 89N MAX.
   B. SECTION 5.4.2 CONNECTOR DISENGAGE FORCE (FOR 16P 0.64 POCKET) 88N MAX.
   C. POLARIZATION FEATURE EFFECTIVENESS (FOR 16P 0.64 POCKET) 49-172N
5. CONNECTOR INTERFACE DESIGNED PER USCAR DRAWINGS LISTED BELOW.
   PART TO BE INSPECTED ONLY TO 7386-9729-3R:M.
   16P 0.64: 064-U-016-2-A02, REV. C, 05-01-2003
   16P 1.50: 150-U-016-2-A01, REV. B, 01-28-2003
   8P 2.80: 280-U-008-2-A01, REV. B, 01-30-2002
6. PART TO COMPLY WITH YPES-31-038 REQUIREMENTS.
7. THIS DRAWING IS TO BE USED FOR INTERNAL YAZAKI PSW SUBMISSION.

ISSUE MARK

GENERAL TOLERANCE											
	10 MAX	50 MAX	100 MAX	250 MAX	250 OVR	R5 MAX	R10 MAX	R20 MAX	R20 OVR	ANGLE	ECCENT
A	±0.15	±0.2	±0.3	±0.5	±0.75	±0.2	±0.3	±0.5	±2.5	±3°	0.1
B	±0.2	±0.3	±0.55	±0.95	±1.4					±3°	0.1
C	±0.3	±0.5	±0.8	±1.4	±2.0					±3°	0.15
SPECIFIED										WEIGHT	(27.09g)

—	07-15-2013	NEW	C13-A339	V.L.
LET	DATE	REVISION RECORD	NO.	CHKD

CUSTOMER				MATL SPEC:	SEE TABLE	TREAT. & FIN.	N/A
CUSTOMER PART NO.		CUSTOMER DWG NO.		NAME	40P (16P 0.64 YESC KAIZEN)+(16P x 1.5)+(8P x 2.8)		
OFFICE	YNA	TRIAL PART NO.			HYBRID UNSEALED MALE PCB HEADER CONNECTOR ASSEMBLY (H) LEAD-FREE		
VENDOR							
VENDOR NO.							

DWG TYPE	DWG SOURCE	DWG DATE	UNIT	SCL	ANGLE
R	7386-9729-3R:M	07-15-2013	mm	2/1	3

APPROVED	CHECKED	CHECKED	DESIGN	DRAWN
			ERIC ZWART	VALENTIN LOYA
			05-31-2012	07-15-2013

PART NO. 7386-9729-3R
CH. CODE
DWG NO. 7386-9729-3R:R

YAZAKI CORPORATION