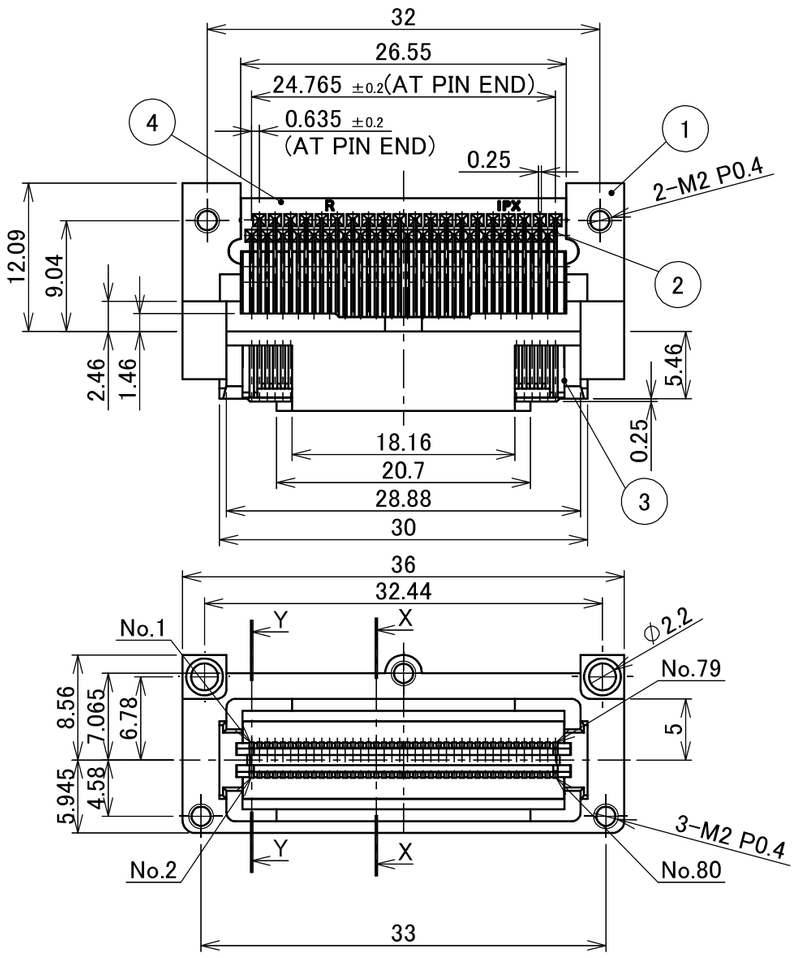
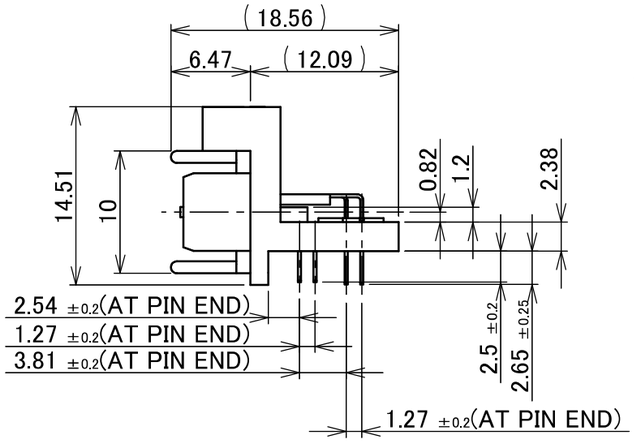
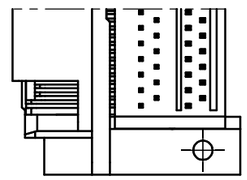
Recommended P/N	30029-080T-01F

PART NO.	CIRCUIT No./CONTACT LENGTH		BOSS	NOTES
	LONG PIN	MIDDLE PIN		
30029-080T-F	1, 2, 79, 80	OTHERS	WITHOUT BOSS	WITH SCREW
30029-080T-01F				WITHOUT SCREW
30029-080T-02F			WITH BOSS	WITH SCREW
30029-080T-03F				WITHOUT SCREW

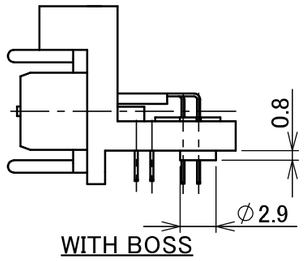
RoHS Compliant



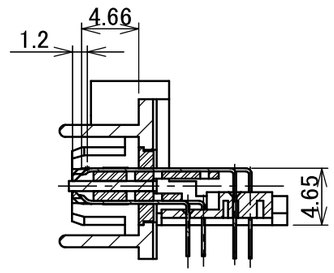




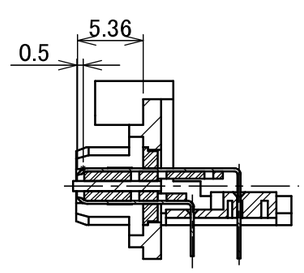
WITHOUT BOSS



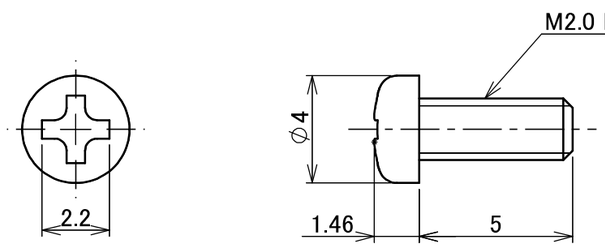
WITH BOSS



SECT. X-X
(MIDDLE PIN)



SECT. Y-Y
(LONG PIN)



SCREW 90042-001
(S = 5/1)

NOTE
1. CONNECTOR TO BE MATED: 30030

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
4	LOCATOR PLATE	PA	BLACK UL94V-0
3	PLUG INSULATOR	PPS	BLACK UL94V-0
2	PLUG CONTACT	COPPER ALLOY	CONTACT PART Au FLASH OVER Pd/Ni SOLDER TAIL Au FLASH
1	PLUG SHELL	Zn ALLOY	Ni PLATING

REV.	ECN	BY	DATE	APP.
20	ZC01017	X.L	2026/10/06	S.S
19	ZC00955	X.L	2026/09/11	S.S
18	Z241576	R.TA	2024/11/27	S.S
17	Z240866	Y.I	2024/07/02	S.S
16	Z240688	Y.I	2024/06/06	M.T
15	Z220241	M.H	2022/03/18	Y.H

REVISION RECORD

ANGLE	±2°	6 OVER 30 MAX.	±0.3
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5

GENERAL TOLERANCE.

DWG.	DATE
E.Kawabe	1996/07/04
CHK. S.Ishibashi	
APP. Y.Fukuda	

PROJECTION | SERIES No. R9

CUSTOMER COPY

TITLE: MINIDOCK™ SLIM TYPE
RIGHT ANGLE
PLUG 80P

DWG. No. 30029

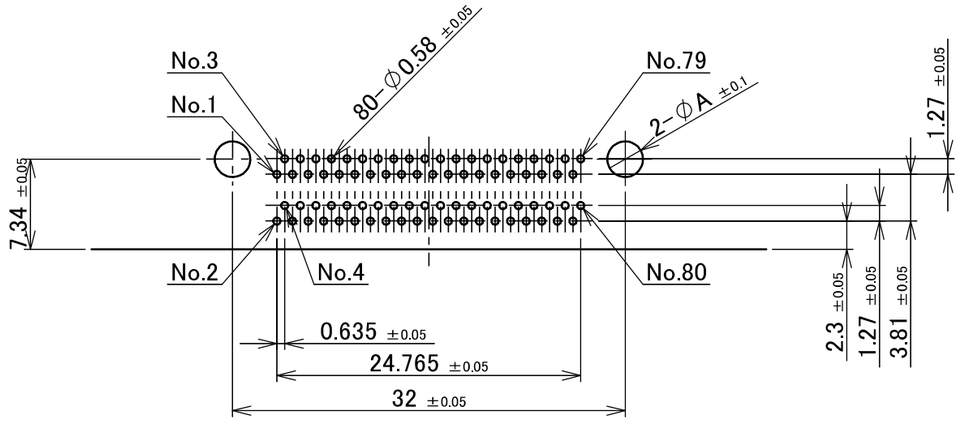
SCALE	UNIT	SIZE	SHEET	REV.
2:1	mm	A3	1/4	20

I-PEX

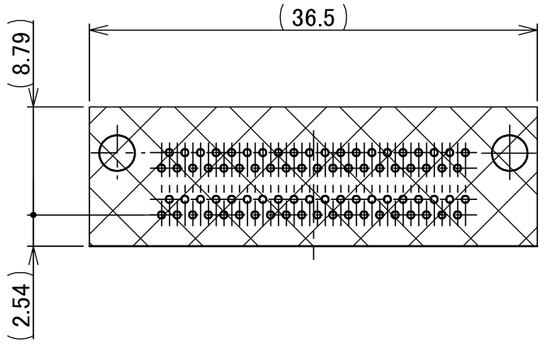
ITEMS	SPECIFICATION
RATING VOLTAGE	250V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.5A AC/DC (PER CONTACT PIN)
OPERATING TEMPERATURE	208～358K(−65℃～+85℃)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE (FOR CONTACT)	INITIAL : 70mohm MAX. / AFTER TEST : ⊿25mohm MAX.
INSULATION RESISTANCE	INITIAL : 10,000Mohm MIN. / AFTER TEST : 1,000Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC500V 1min
DURABILITY	5,000 CYCLES
MATING FORCE (INITIAL)	0.9N/pos. MAX.
UNMATING FORCE (AFTER TEST)	0.059N/pos. MIN.
COPLANARITY	−
PRODUCT SPECIFICATION	PRS−1011
TEST REPORT	TR−9020
PACKING STANDARD	300−141
INSTRUCTION MANUAL	−
APPEARANCE CRITERIA No.	QLS−A***

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R9		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.		DATE		MINIDOCK™ SLIM TYPE RIGHT ANGLE PLUG 80P		2:1	I-PEX
CHK.						UNIT	
						mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				30029		A3	2/4 / 20

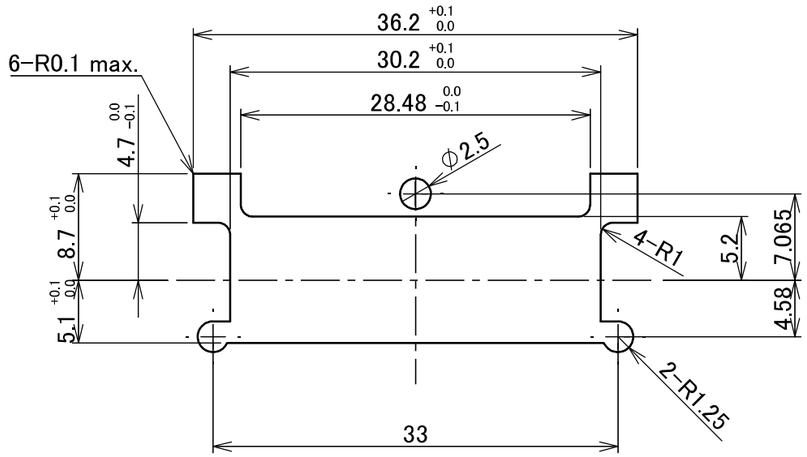
PART NO.	A
30029-080T-F	2.3
30029-080T-01F	
30029-080T-02F	3.1
30029-080T-03F	



RECOMMENDED FOOTPRINT PATTERN t=1.6



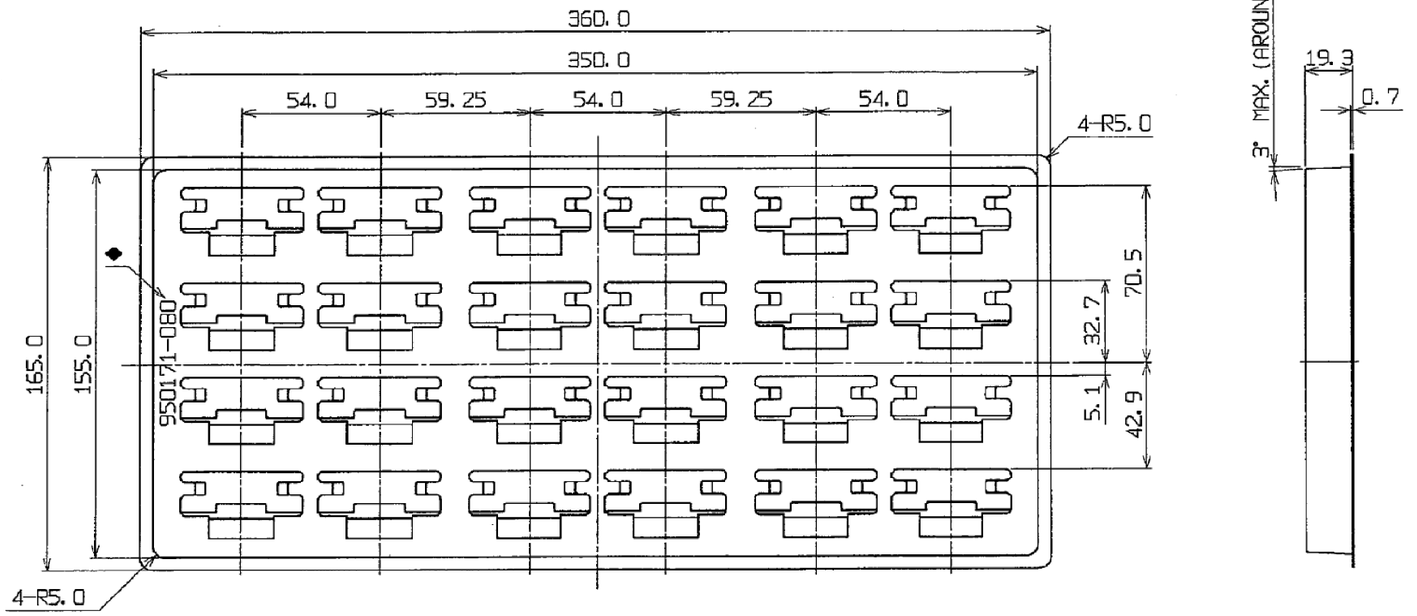
DO NOT MOUNT ANY OTHER COMPONENTS IN THIS AREA



RECOMMENDED PANEL

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R9		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.	DATE			MINIDOCK™ SLIM TYPE RIGHT ANGLE PLUG 80P		2:1	I-PEX
CHK.						UNIT	
						mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				30029		A3	3/4 / 20

PART NO.	Pos.	QTY./ TRAY	QTY./ SHIPPING CARTON	QTY./ PACKING CARTON
30029-080T-F 30029-080T-01F	80P	24	24 × 3 = 72	72 × 4 = 288



5	TRAY	PET	–
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R9		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.		DATE		MINIDOCK™ SLIM TYPE RIGHT ANGLE PLUG 80P		5:1	I-PEX
CHK.						UNIT mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				30029		A3	4/4 / 20