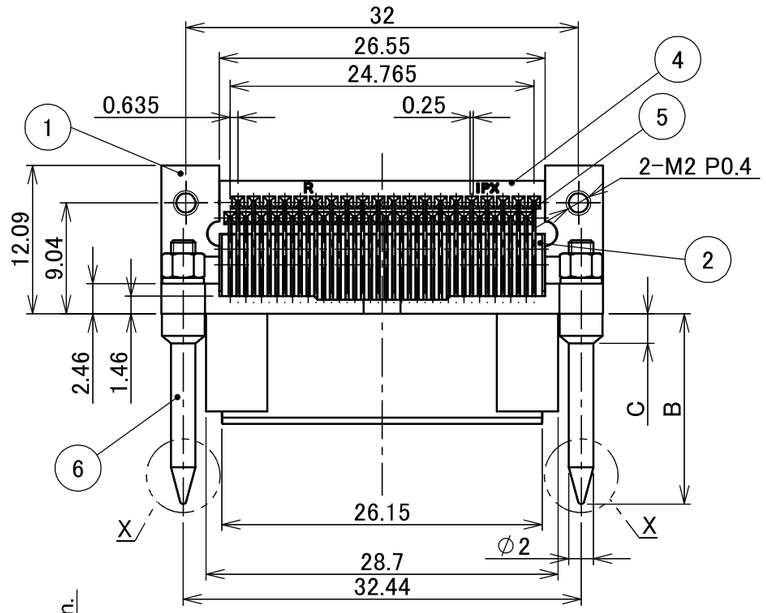
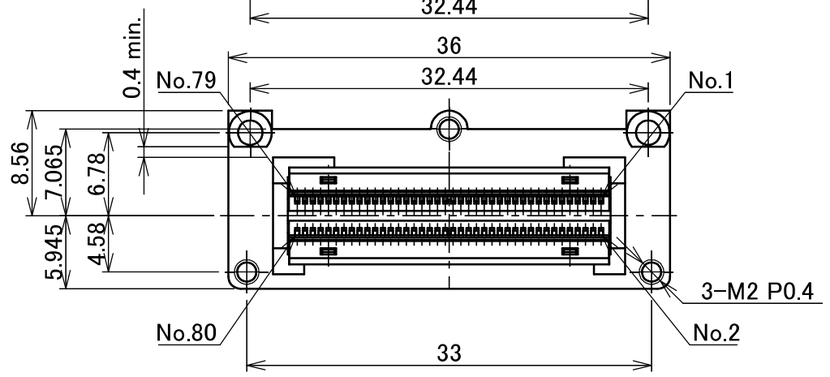
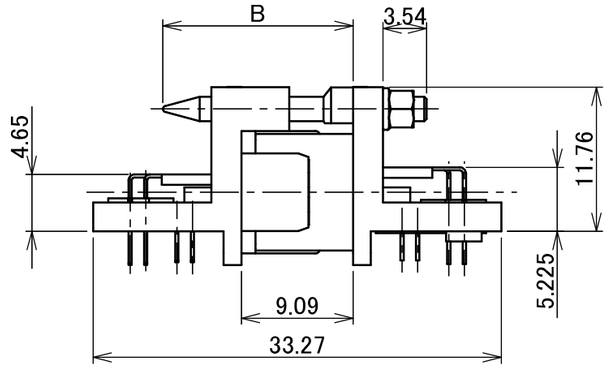
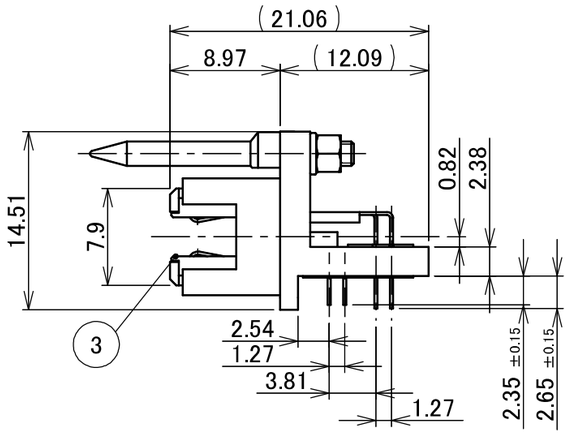
Recommended P/N	30030-080T-03F

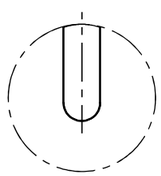






MATING CONDITION





SPHERE TOP

DETAIL X
(S = 3/1)

NOTES
1. CONNECTOR TO BE MATED: 30029

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
6	GUIDE PIN	STAINLESS STEEL (30030-080T-017*/018*)	NO PLATING
		STEEL (EXCEPT 30030-080T-017*/018*)	Ni PLATING
5	CONTACT	COPPER ALLOY	CONTACT AREA: Au FLASH OVER Pd/Ni SOLDER TAIL: Au FLASH
4	LOCATOR PLATE	PA	BLACK, UL94V-0
3	CONTACT GUIDE	PPS	BLACK, UL94V-0
2	INSULATOR	PPS	BLACK, UL94V-0
1	SHELL	Zn ALLOY	Ni PLATING

REV.	ECN	BY	DATE	APP.
23	ZC01017	X.L	2026/10/06	S.S
22	ZC00955	X.L	2026/09/11	S.S
21	ZC00687	X.L	2026/05/13	S.S
20	Z241576	R.TA	2024/11/27	S.S
19	Z240688	Y.I	2024/06/06	M.T
18	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. E.Kawabe DATE 1996/05/27
CHK. S.Ishibashi
APP. Y.Fukuda

PROJECTION
SERIES No. R12

CUSTOMER COPY

TITLE
MINIDOCK™ SLIM TYPE
RIGHT ANGLE
RECEPTACLE 80P

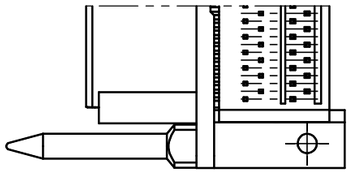
DWG. No. 30030

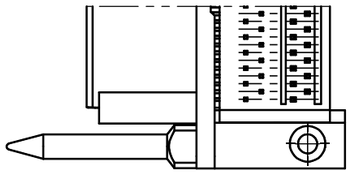
SCALE 2:1
UNIT mm
SIZE A3
SHEET 1/5
REV. 23

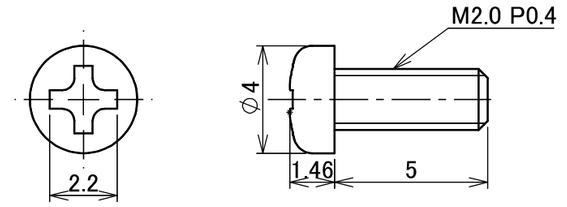
I-PEX

RoHS Compliant

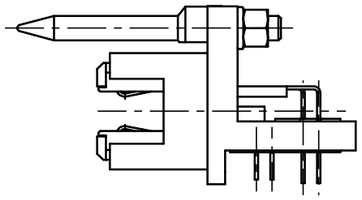
PART No.	GUIDE PIN TYPE	BOSS	A	B	C	NOTES
30030-080T-01F	SPHERE TOP	WITHOUT BOSS	2.3	15.5	2.4	WITH SCREW
30030-080T-03F	SPHERE TOP					WITHOUT SCREW
30030-080T-19F	SPHERE TOP	WITH BOSS	3.1	14.0	4.0	WITH SCREW



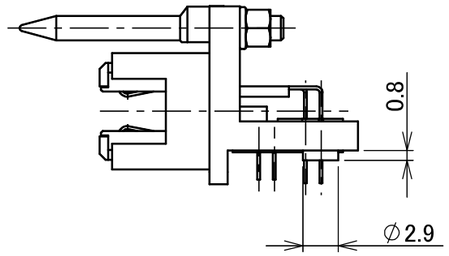




SCREW 90042-001
(S = 5/1)



WITHOUT BOSS



WITH BOSS

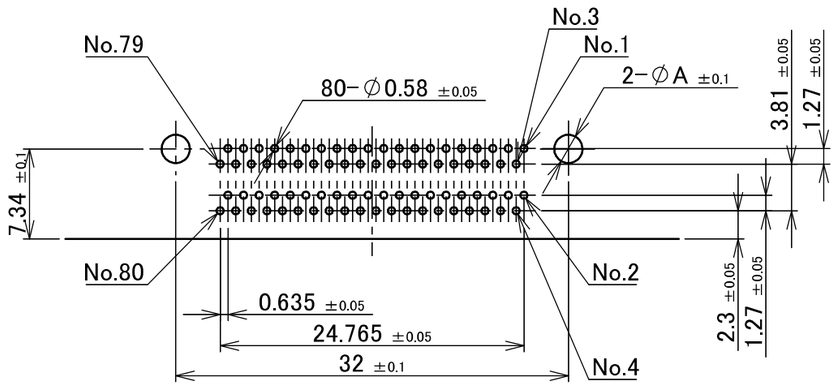
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R12
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		
GENERAL TOLERANCE.				TITLE: MINIDOCK™ SLIM TYPE RIGHT ANGLE RECEPTACLE 80P	SCALE 2:1
DWG.	DATE				UNIT mm
CHK.					
APP.				DWG. No. 30030	SIZE A3 / SHEET 2/5 / REV. 23

CUSTOMER COPY

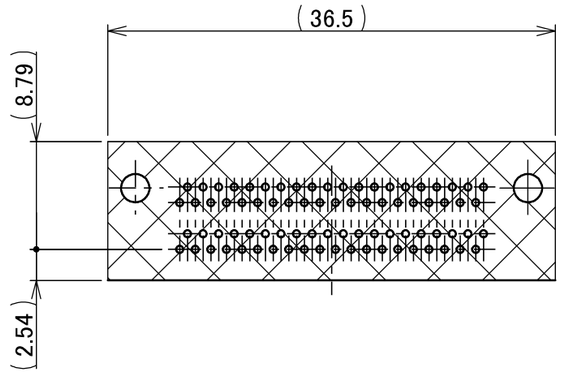
I-PEX

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	300-071
INSTRUCTION MANUAL	-
APPEARANCE CRITERIA No.	QLS-A***

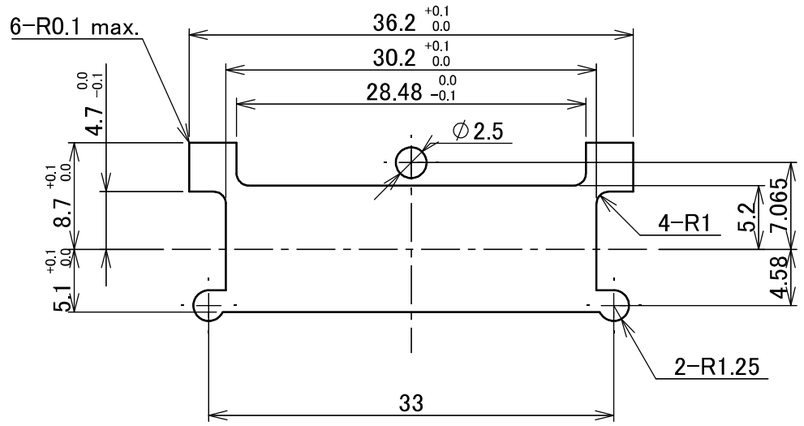
ANGLE ±2°	6 OVER 30 MAX. ±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX. ±0.2	30 OVER 120 MAX. ±0.5		R12		
GENERAL TOLERANCE.		TITLE		SCALE	
DWG. DATE		MINIDOCK™ SLIM TYPE RIGHT ANGLE RECEPTACLE 80P		UNIT mm	I-PEX
CHK.					
APP.		DWG. No. 30030		SIZE A3	SHEET 3/5 REV. 23



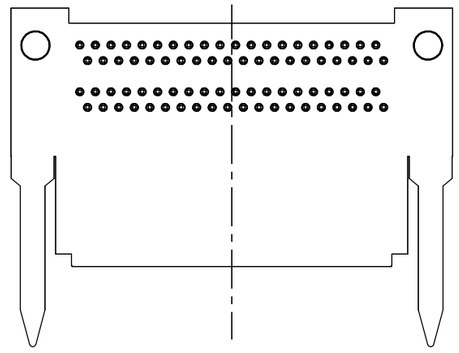
RECOMMENDED FOOTPRINT PATTERN t=1.6



DO NOT MOUNT ANY OTHER COMPONENTS IN THIS AREA



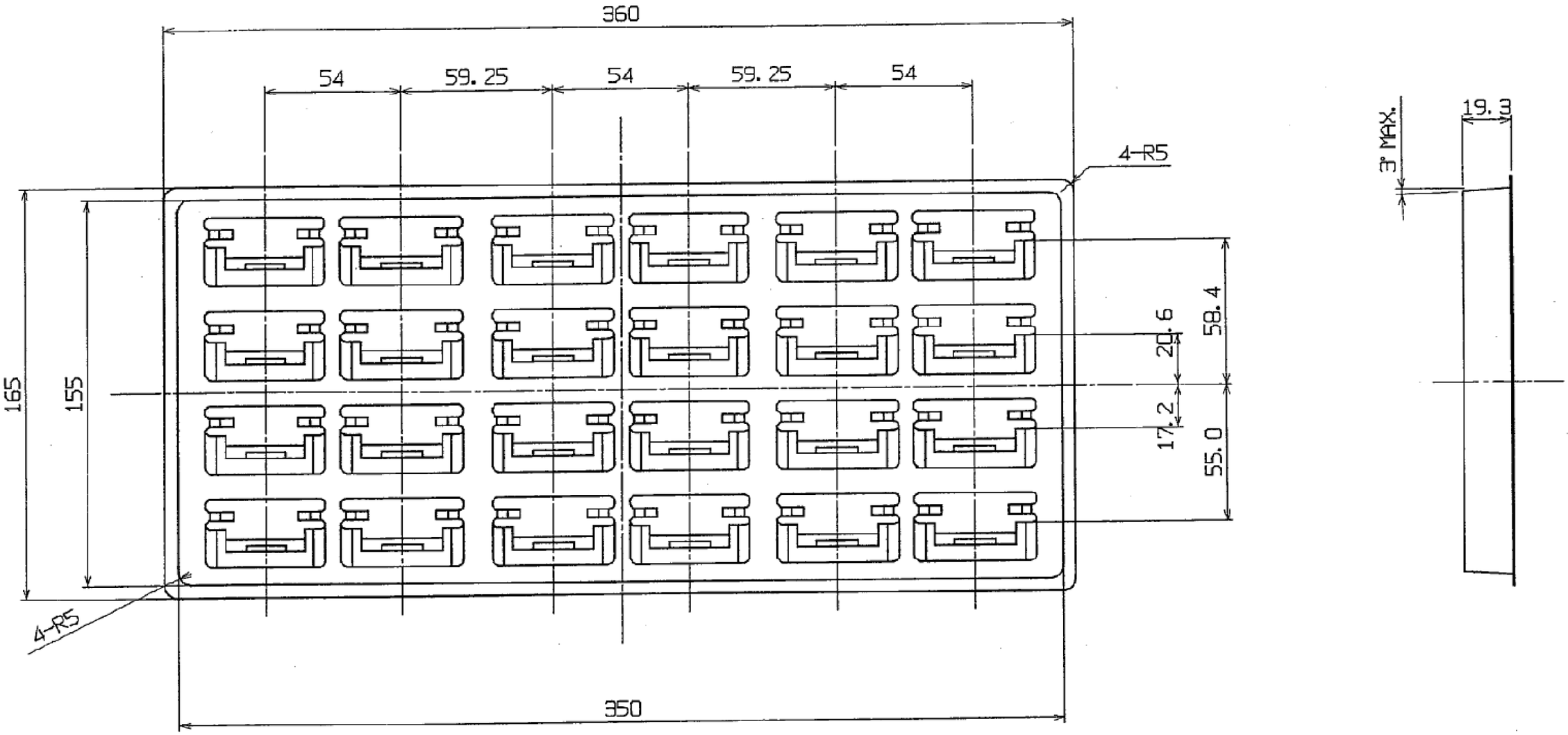
RECOMMENDED PANEL DIMENSIONS



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R12		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.		DATE		MINIDOCK™ SLIM TYPE RIGHT ANGLE RECEPTACLE 80P		2:1	I-PEX
CHK.						UNIT mm	
APP.				DWG. No.		SIZE	SHEET / REV.
				30030		A3	4/5 / 23

PART NO.	Pos.	QTY./ TRAY	QTY./ SHIPPING CARTON	QTY./ PACKING CARTON
30030-080T-03F	80P	24	24 × 3 = 72	72 × 4 = 288



NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
7	TRAY	PS	–

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R12		
GENERAL TOLERANCE.				TITLE		SCALE	
DWG.		DATE		MINIDOCK™ SLIM TYPE RIGHT ANGLE RECEPTACLE 80P		1:X	I-PEX
CHK.						UNIT mm	
APP.				DWG. No. 30030		SIZE A3	SHEET 5/5 REV. 23