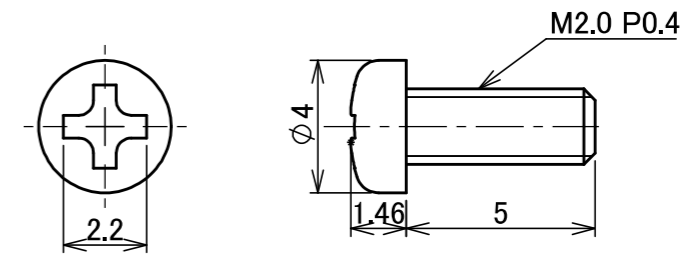


NOTES
1. CONNECTOR TO BE MATED: 30029

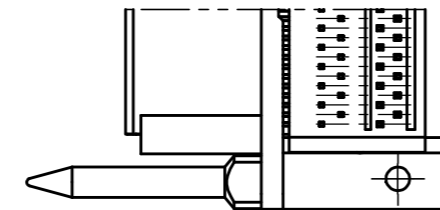
6	GUIDE PIN	STAINLESS STEEL (30030-080T-017*/018*)	NO PLATING
		STEEL (EXCEPT 30030-080T-017*/018*)	Ni PLATING
5	CONTACT	COPPER ALLOY	CONTACT AREA: Au FLASH OVER Pd/Ni SOLDER TAIL: Au FLASH
4	LOCATOR PLATE	PA	BLACK, UL94V-0
3	CONTACT GUIDE	PPS	BLACK, UL94V-0
2	INSULATOR	PPS	BLACK, UL94V-0
1	SHELL	Zn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

20	Z241576	R.TA	Nov./27/'24	S.S	ANGLE ±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R12	CUSTOMER COPY
19	Z240688	Y.I	Jun./06/'24	M.T	6 MAX. ±0.2	30 OVER 120 MAX.	±0.5			
18	Z220241	M.H	Mar./18/'22	Y.H	GENERAL TOLERANCE.			TITLE MINIDOCK™ Slim Type 80P RIGHT ANGLE RECEPTACLE		SCALE 2:1
17	Z191320	IMI	Sept./30/'19	Y.S	DWG.	E.Kawabe	DATE	1996/05/27		UNIT mm
16	Z181197	R.H	Sept./13/'18	TAK	CHK.	S.Ishibashi				SHEET 1/5
15	Z170908	R.H	Sept./26/'17	M.T	APP.	Y.Fukuda	DWG. No. 30030		REV. 20	
REVISION RECORD										

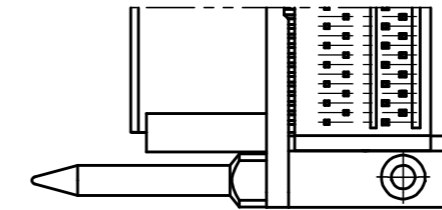
PART No.	GUIDE PIN TYPE	BOSS	A	B	C	NOTES
30030-080T-F	TAPER TOP	WITHOUT BOSS	2.3	15.5	2.4	WITH SCREW
30030-080T-01F	SPHERE TOP					WITHOUT SCREW
30030-080T-02F	TAPER TOP					WITH SCREW
30030-080T-03F	SPHERE TOP					WITHOUT SCREW
30030-080T-04F	WITHOUT GUIDE PIN (1413-00*)					WITH SCREW
30030-080T-05F	(WITHOUT NUT, WASHER)					WITHOUT SCREW
30030-080T-06F	TAPER TOP	WITH BOSS	3.1	15.5	2.4	WITH SCREW
30030-080T-07F	SPHERE TOP					WITHOUT SCREW
30030-080T-08F	TAPER TOP					WITH SCREW
30030-080T-09F	SPHERE TOP					WITHOUT SCREW
30030-080T-10F	WITHOUT GUIDE PIN (1413-00*)					WITH SCREW
30030-080T-11F	(WITHOUT NUT, WASHER)					WITHOUT SCREW
30030-080T-12F	2'nd SPHERE TOP	WITHOUT BOSS	2.3	15.5	2.4	WITH SCREW
30030-080T-13F		WITHOUT SCREW				
30030-080T-14F		WITH BOSS	3.1			WITH SCREW
30030-080T-15F		WITHOUT SCREW				
30030-080T-16F	SPHERE TOP	WITHOUT BOSS	2.3	13.0	2.4	WITHOUT SCREW
30030-080T-17F	TAPER TOP (MTL : STAINLESS STEEL)			15.5		WITHOUT SCREW
30030-080T-18F	SPHERE TOP (MTL : STAINLESS STEEL)			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

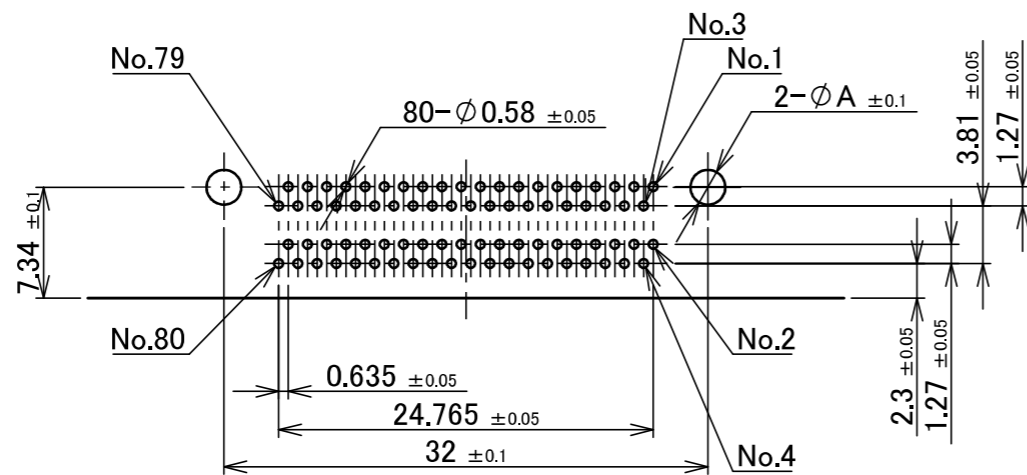


WITH BOSS

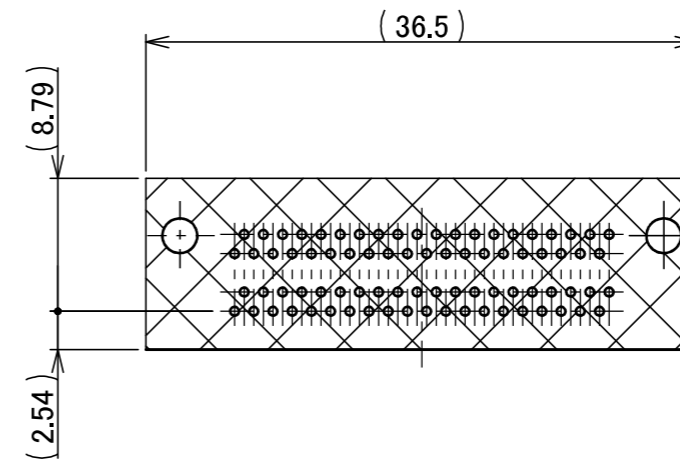
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R12		
GENERAL TOLERANCE.				TITLE	SCALE	I-PEX	
DWG.	DATE			MINIDOCK™ Slim Type 80P RIGHT ANGLE RECEPTACLE	2:1		
CHK.					UNIT		
APP.				DWG. No.	mm	SHEET	
				30030	A3		REV.
						2/5	20

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°C~+85°C)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE (FOR CONTACT)	INITIAL : 70mohm MAX. / AFTER TEST : \triangleleft 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***

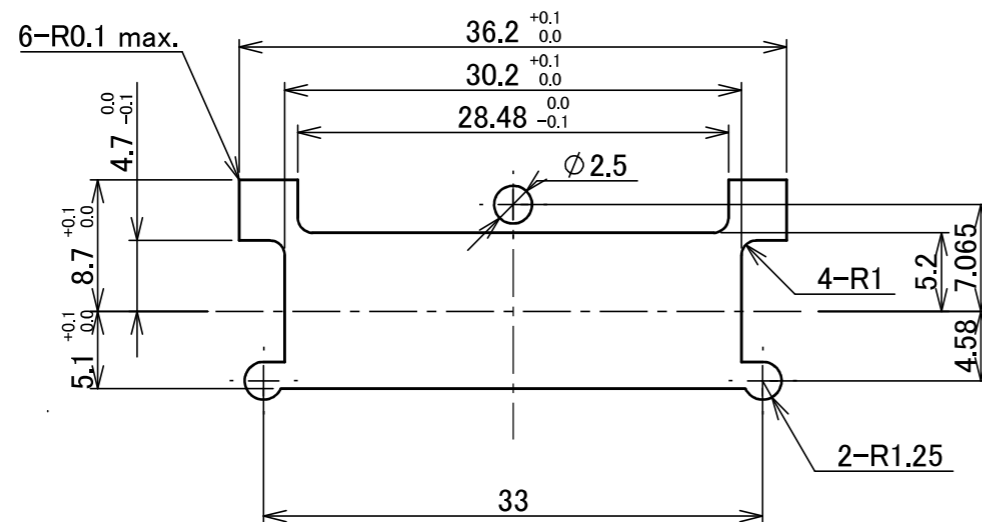
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R12	CUSTOMER COPY	
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5				
GENERAL TOLERANCE.				TITLE MINIDOCK™ Slim Type 80P RIGHT ANGLE RECEPTACLE	SCALE	I-PEX	
DWG.	DATE						
CHK.							
APP.							
DWG. No.	30030			SIZE	SHEET	REV.	
				A3	3/5	20	



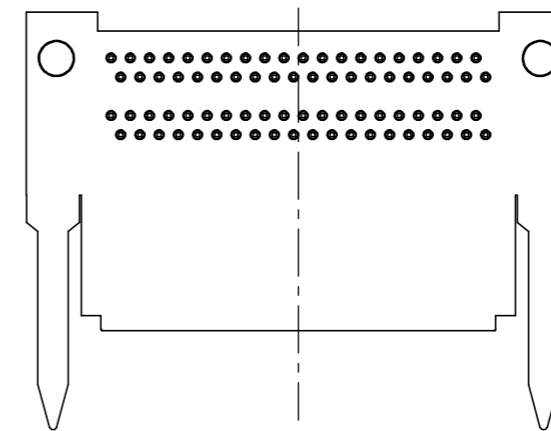
RECOMMENDED FOOTPRINT PATTERN $t=1.6$



DO NOT MOUNT ANY OTHER COMPONENTS IN THIS AREA



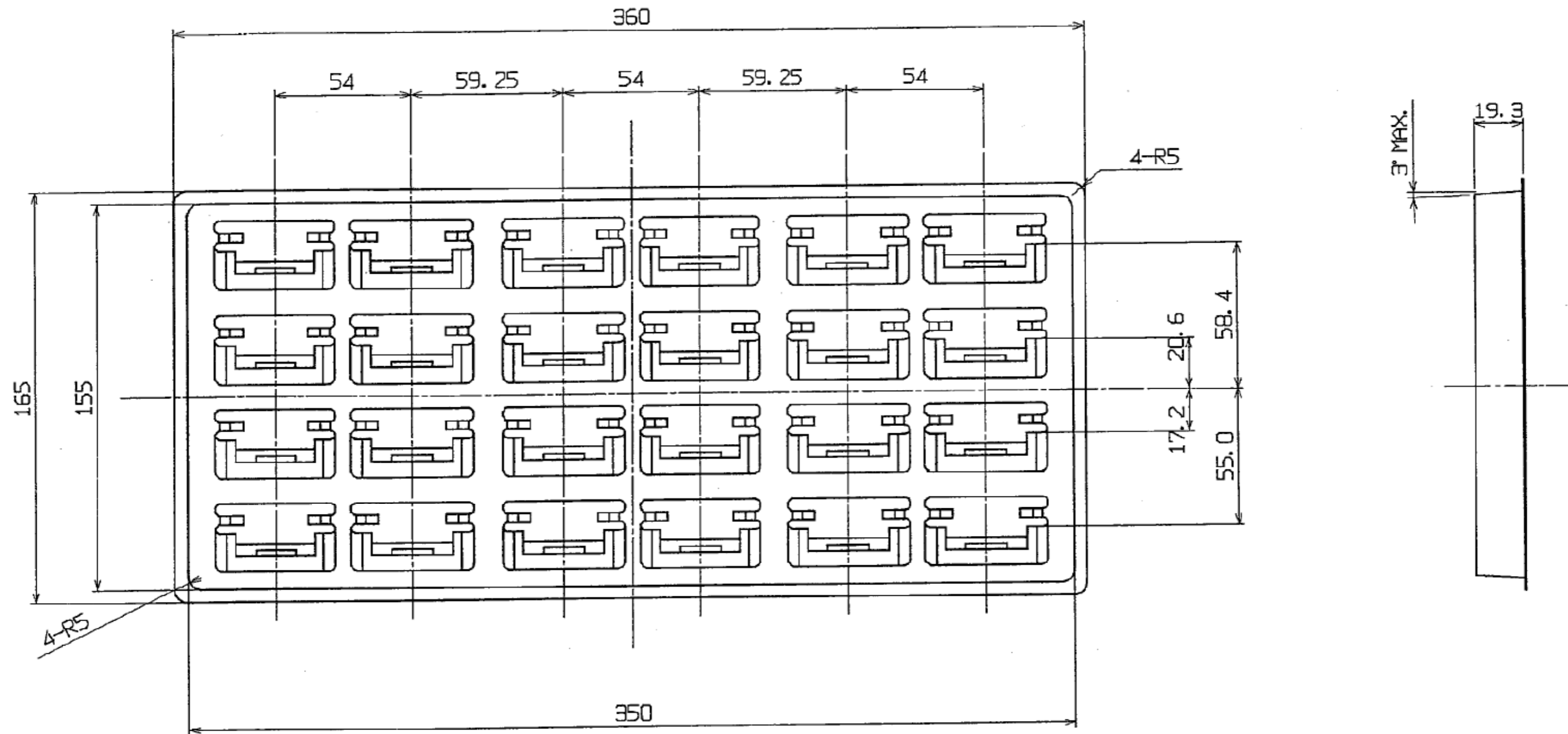
RECOMMENDED PANEL DIMENSIONS



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
					R12			
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5	TITLE		SCALE		
GENERAL TOLERANCE.				MINIDOCK™ Slim Type		2:1		
DWG.	DATE			80P RIGHT ANGLE		UNIT	I-PEX	
CHK.				RECEPTACLE		mm		
APP.				DWG. No.	30030	SIZE	SHEET	REV.
						A3	4/5	20

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



7	TRAY	PS	-
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
ANGLE	±2°	6 OVER 30 MAX.	±0.3
	6 MAX.	±0.2	30 OVER 120 MAX.
			±0.5
GENERAL TOLERANCE.			
DWG.	DATE	TITLE	
CHK.		MINIDOCK™ Slim Type	
APP.		80P RIGHT ANGLE	
		RECEPTACLE	
		DWG. No.	30030
		PROJECTION	⊕
		SERIES No.	R12
		CUSTOMER COPY	
		SCALE	1:X
		UNIT	mm
		SIZE	A3
		SHEET	5/5
		REV.	20