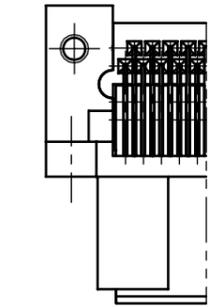
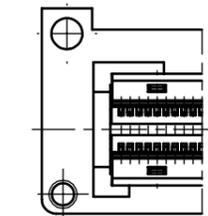




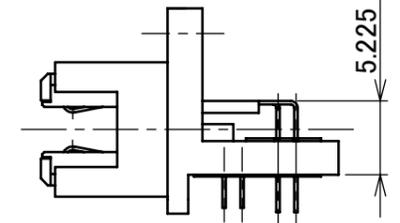
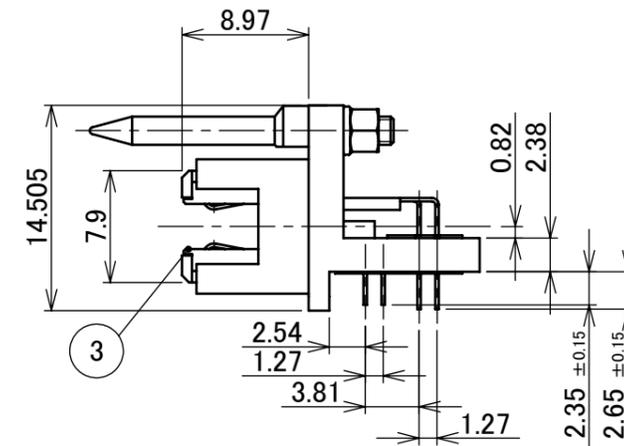
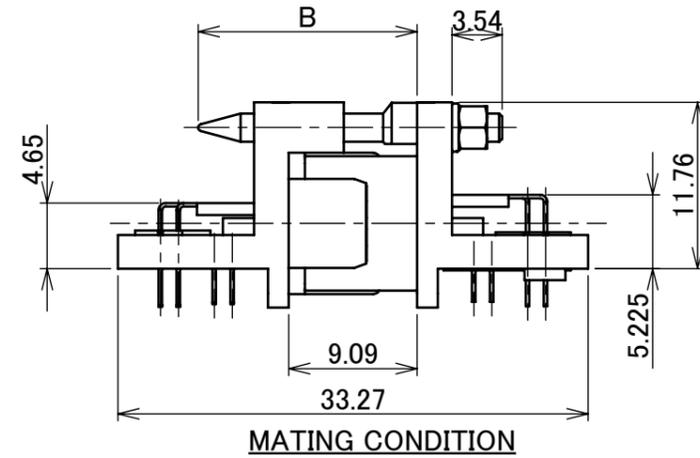
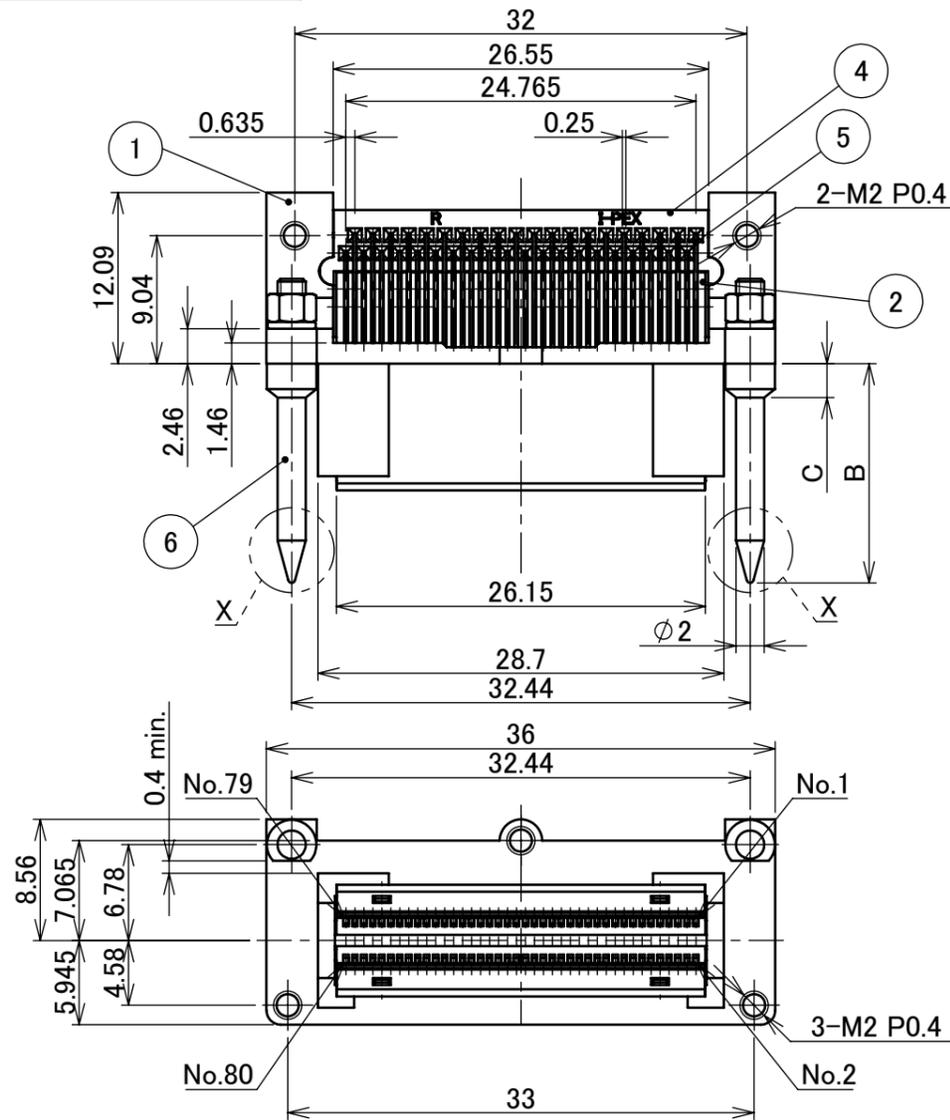
RoHS Compliant



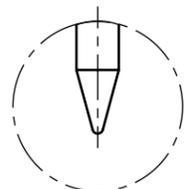
WITHOUT GUIDE PIN



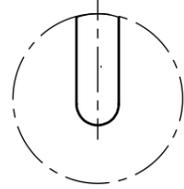
WITHOUT GUIDE PIN



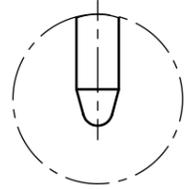
WITHOUT GUIDE PIN



GUIDE PIN TYPE
TAPER TOP



SPHERE TOP



2'nd SPHERE TOP

DETAIL X
(S = 3/1)

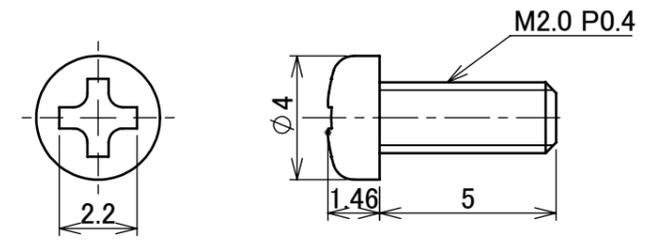
6	GUIDE PIN	STAINLESS STEEL (30030-080T-017*/018*)	NO PLATING
		STEEL (EXCEPT 30030-080T-017*/018*)	Ni PLATING
5	CONTACT	COPPER ALLOY	CONTACT AREA: Au FLASH OVER Pd/Ni SOLDER TAIL: Au FLASH
4	LOCATOR PLATE	PA	BLACK, UL94V-0
3	CONTACT GUIDE	PPS	BLACK, UL94V-0
2	INSULATOR	PPS	BLACK, UL94V-0
1	SHELL	Zn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

18	Z220241	M.H	Mar./18/'22	Y.H	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R12	CUSTOMER COPY	
17	Z191320	IMI	Sept./30/'19	Y.S	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5				
16	Z181197	R.H	Sept./13/'18	TAK	GENERAL TOLERANCE.			TITLE				
15	Z170908	R.H	Sept./26/'17	M.T	DWG.	DATE		MINIDOCK				
14	Z06620	J.O	Nov./16/'06	T.H	E.Kawabe	1996/05/27		80P RIGHT ANGLE				
13	Z06363	J.O	Aug./02/'06	E.K	CHK.	S.Ishibashi		RECEPTACLE				
REV.	ECN	BY	DATE	APP.	APP.	Y.Fukuda		DWG. No.	30030	SCALE	I-PEX	
REVISION RECORD							SIZE	A3	SHEET	1/5		REV.

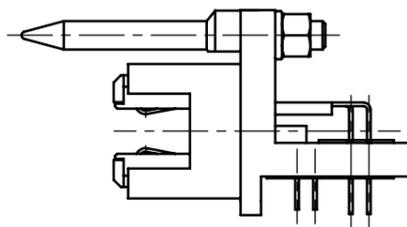
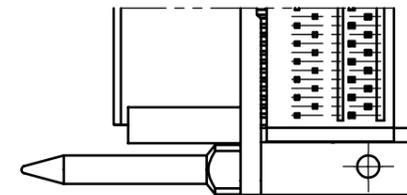
NOTES

1. CONNECTOR TO BE MATED: 30029

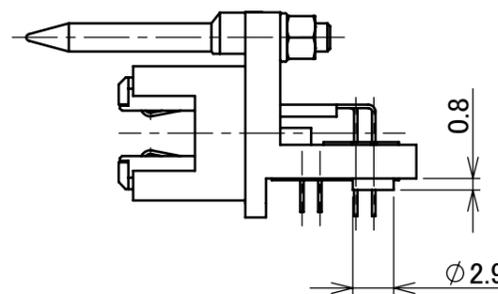
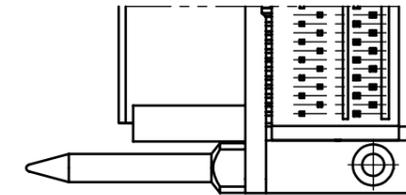
PART No.	GUIDE PIN TYPE	BOSS	A	B	C	NOTES
30030-080T-F	TAPER TOP	WITHOUT BOSS	2.3	15.5	2.4	WITH SCREW
30030-080T-01F	SPHERE TOP					WITHOUT SCREW
30030-080T-02F	TAPER TOP					WITH SCREW
30030-080T-03F	SPHERE TOP					WITHOUT SCREW
30030-080T-04F	WITHOUT GUIDE PIN (1413-00*)					WITH SCREW
30030-080T-05F	(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		
30030-080T-18F	SPHERE TOP (MTL : STAINLESS STEEL)					
30030-080T-19F	SPHERE TOP	WITH BOSS	3.1	14.0	4.0	WITH SCREW



SCREW 90042-001
(S = 5/1)



WITHOUT BOSS

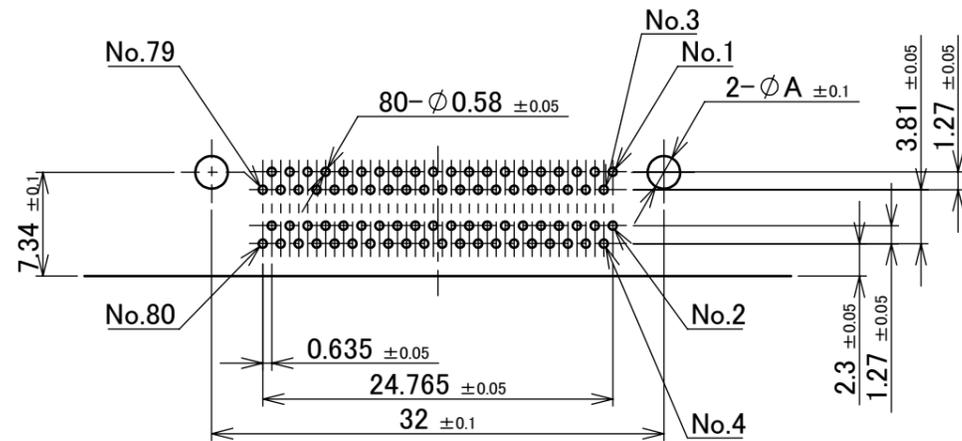


WITH BOSS

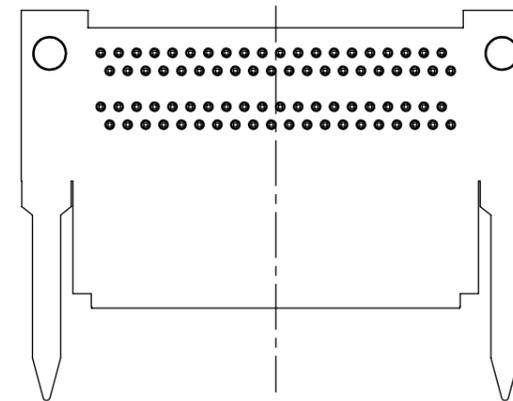
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R12	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE		SCALE	I-PEX	
DWG.	DATE			MINIDOCK 80P RIGHT ANGLE RECEPTACLE		2:1		
CHK.						UNIT		
APP.				DWG. No. 30030		mm		
						SIZE	SHEET	REV.
						A3	2/5	18

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.(NON-CONDENSING)
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***

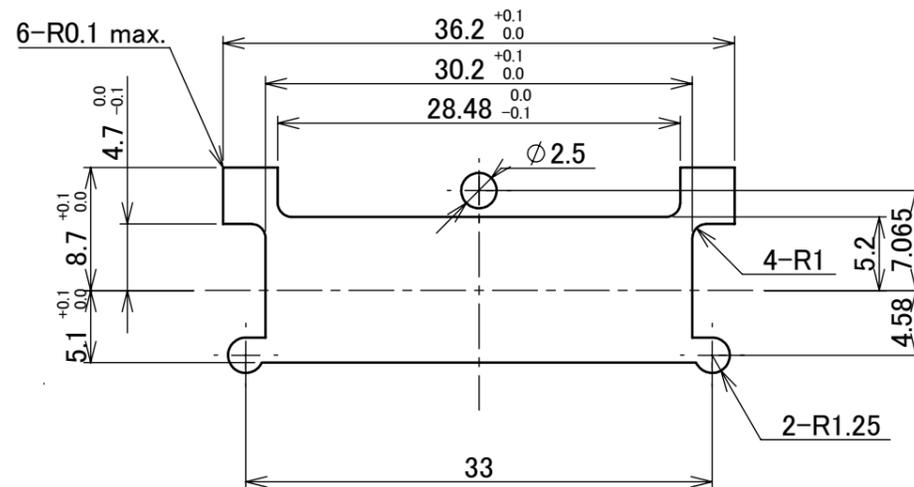
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R12	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE MINIDOCK 80P RIGHT ANGLE RECEPTACLE	SCALE 	UNIT mm		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	30030	SIZE A3	SHEET 3/5	REV. 18



RECOMMENDED FOOTPRINT PATTERN $t=1.6$



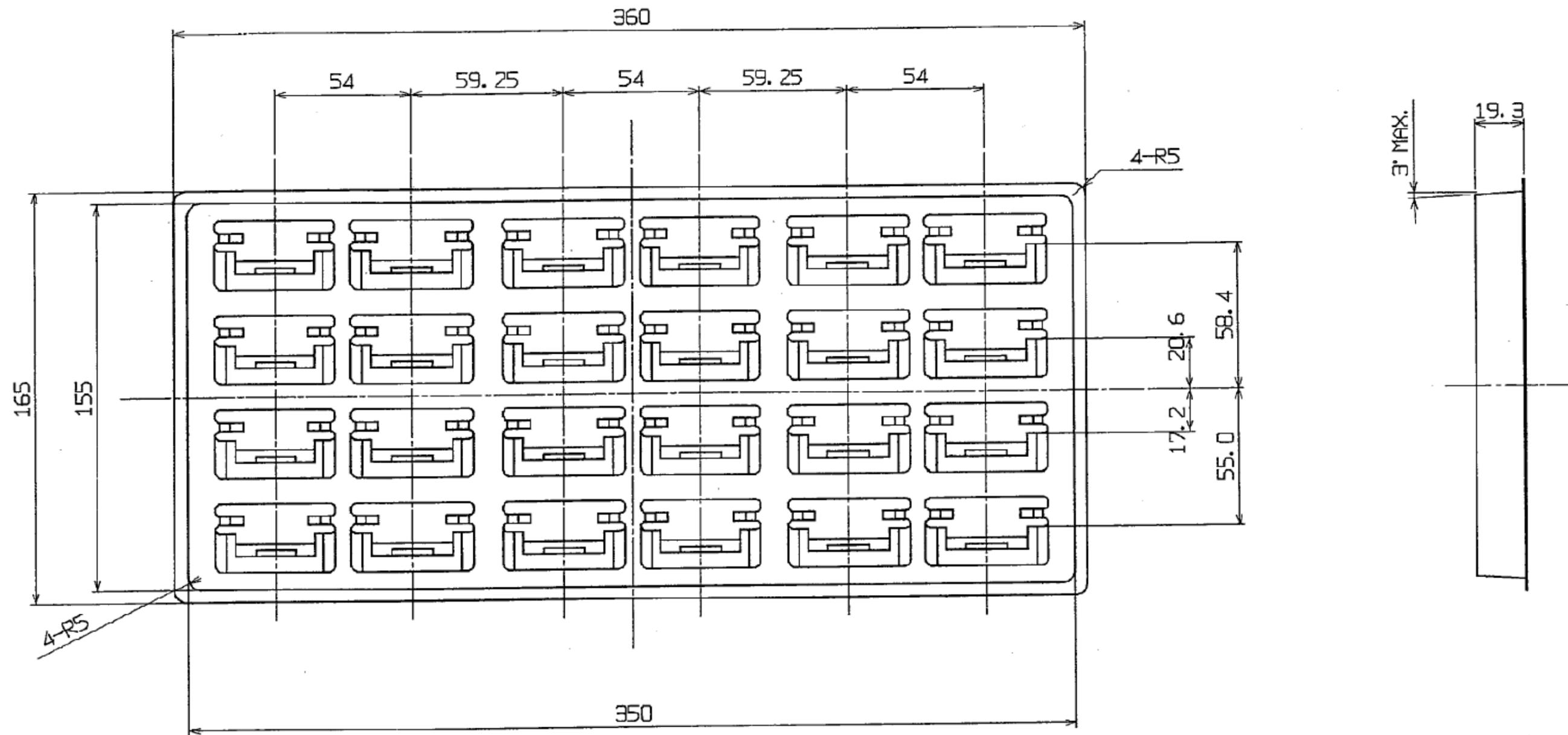
CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



RECOMMENDED PANEL DIMENSIONS

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5		R12	I-PEX		
GENERAL TOLERANCE.				TITLE		SCALE	REV.	
DWG.	DATE			MINIDOCK		2:1	18	
CHK.				80P RIGHT ANGLE		UNIT	4/5	
APP.				RECEPTACLE		mm	18	
				DWG. No.	30030	SIZE	SHEET	REV.
						A3	4/5	18

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



7	TRAY	PVC	-
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		
CHK.			
APP.			
PROJECTION		SERIES No.	CUSTOMER COPY
		R12	
TITLE		SCALE	
MINIDOCK		1:X	
80P RIGHT ANGLE		UNIT	
RECEPTACLE		mm	
DWG. No.		SIZE	SHEET
30030		A3	5/5
		REV.	18