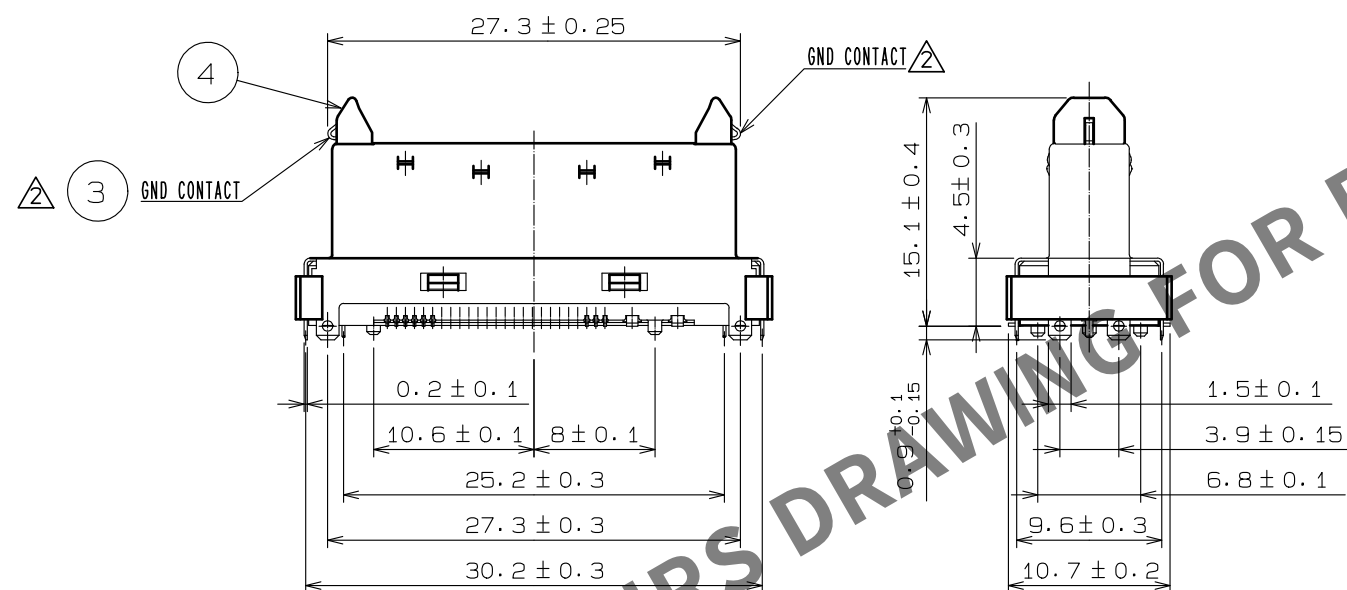
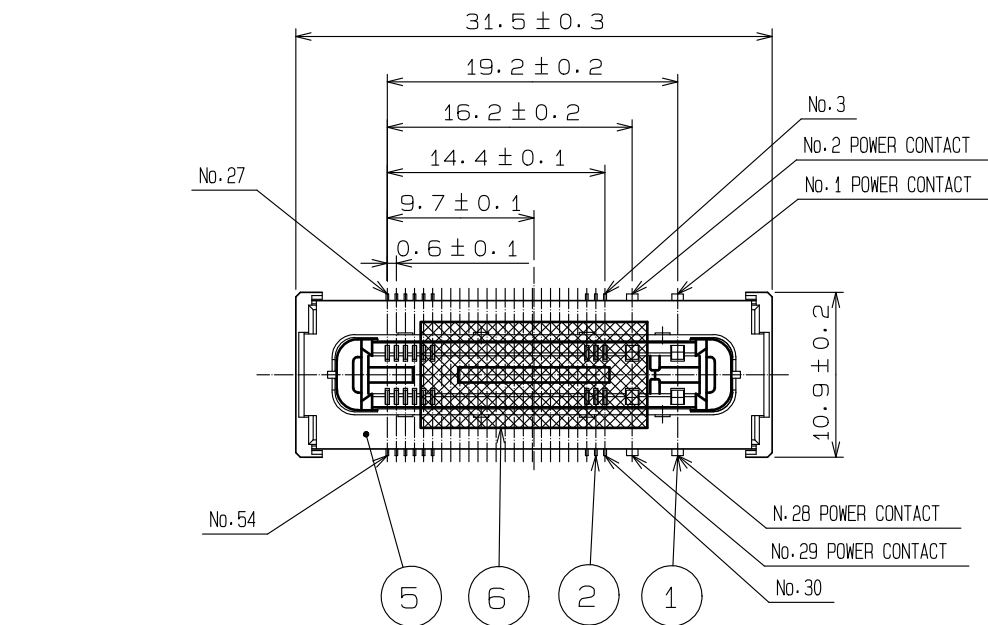
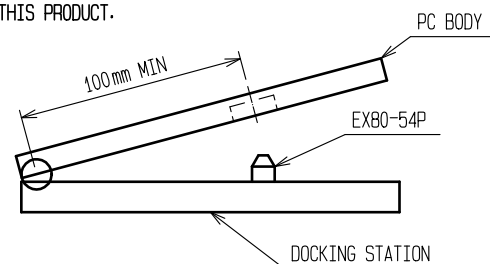


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

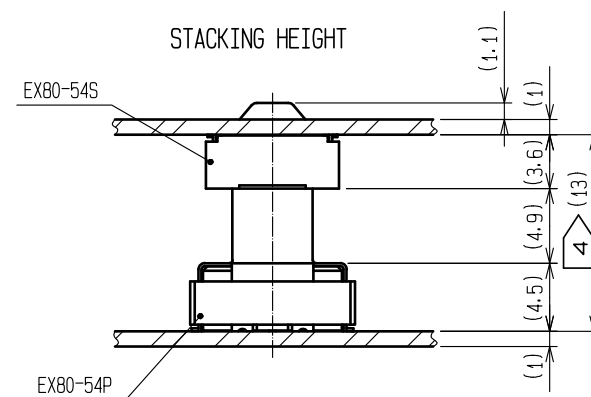
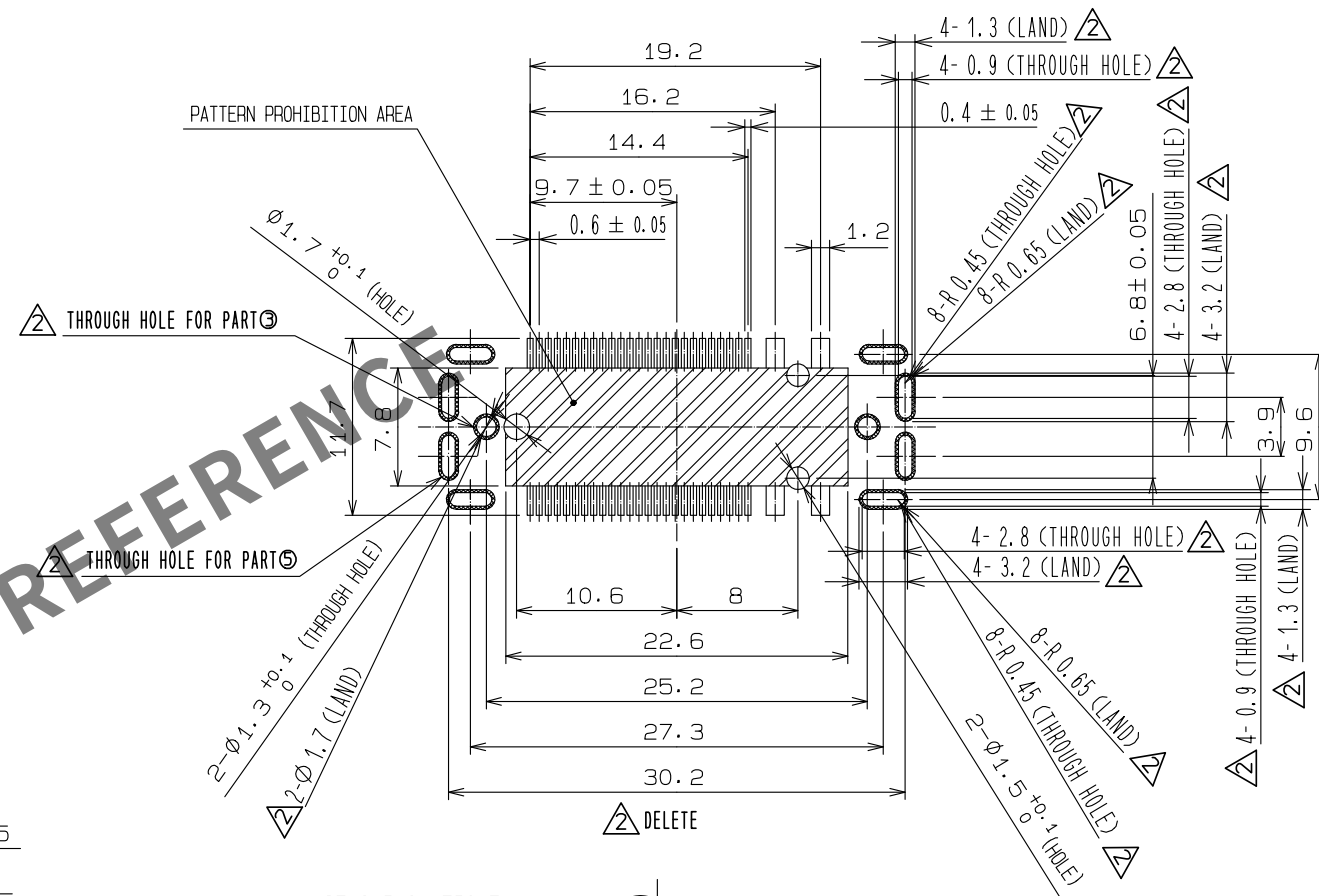


- NOTE 1 CONTACT CO-PLANARITY TO BE MAX 0.15.
2 TOLERANCES TO BE ± 0.1 UNLESS OTHERWISE SPECIFIED.
3 POWER CONTACT No. 1, 2, 28, 29 TO BE 0.3 mm LONGER SEQUENTIAL STRUCTURE THAN OTHER SIGNAL CONTACTS.
4 DEVICE DESIGN SHALL CONSIDER THE STACKED HEIGHT TO BE 14.5mm MAX. (RECOMMENDED STACKED HEIGHT IS 13.7mm MAX.)
5 APPLY FLOATING STRUCTURE (WITHIN 0.7mm) TO DEVICES FOR THE ATTACHMENT OF THIS PRODUCT.
6 MATING GUIDE IS REQUIRED ON THE DEVICE.
7 100mm MIN. OF TURNING-RADIUS IS REQUIRED FOR THE ROTATE-AND-MATE PC BODY TO DOCKING STATION.



RECOMMENDED PC BOARD PATTERN (AUTOMATIC MOUNTING)

(COMPONENT MOUNTING SIDE : PCB t=1 MIN)



3	Phosphor Bronze	Dip area : gold plating $0.03\mu\text{m}$ min Under : nickel plating $2\mu\text{m}$ min	7	PS	
2	Copper Alloy	Contact area: gold plating $0.5\mu\text{m}$ min Lead area : gold plating $0.03\mu\text{m}$ min Under : nickel plating $2\mu\text{m}$ min	6	Pick & Place Tape	
1	Copper Alloy	Contact area: gold plating $0.5\mu\text{m}$ min Lead area : gold plating $0.03\mu\text{m}$ min Under : nickel plating $2\mu\text{m}$ min	5	Stainless Steel	Dip area: tin plating $1\mu\text{m}$ min Under : nickel plating $0.6\mu\text{m}$ min
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 2 : 1	COUNT 21	DESCRIPTION OF REVISIONS DIS-E-00011604	DESIGNED KIM JAEHYEON
HIROSE ELECTRIC CO., LTD.		APPROVED : MN. KENJO	20200407	DRAWING NO. EDC-124545-70-00	
		CHECKED : TU. TANIGUCHI	20200407	PART NO. EXB0-54P(70)	
		DESIGNED : KIM JAEHYEON	20200407	CODE NO. CL0232-0610-2-70	
		DRAWN : DS. HIROWATARI	20200407		
				DATE 20221128	

EX80-54P PACKAGING FIGURE

