

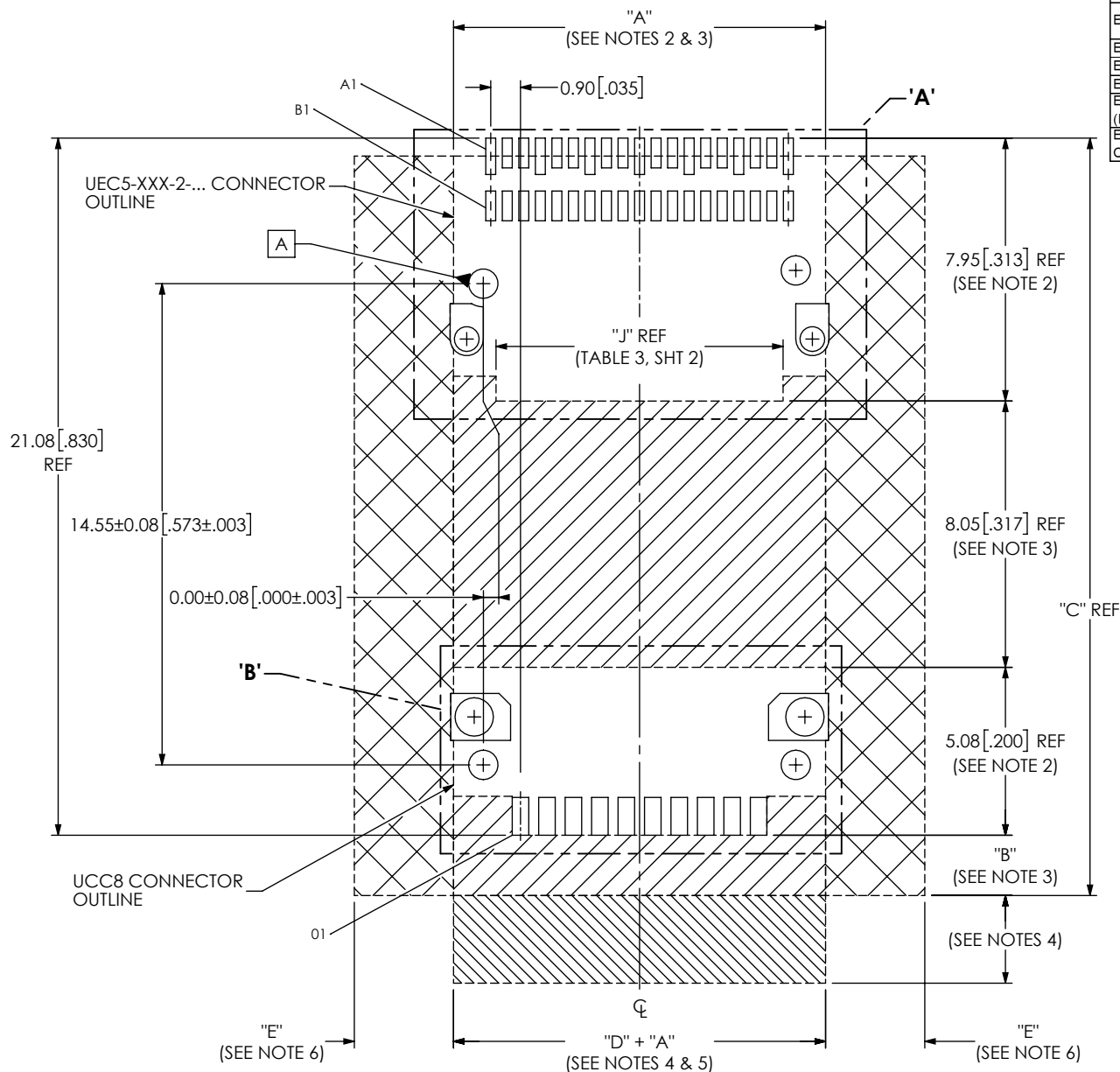
DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

TABLE 2					
FIREFLY MATE	OPTIONS	"B"	"C"	"D"	"E"
ECUO (OPTICAL)	HEATSINK: -1 & -3 (FLAT)	4.02 [0.158]	25.10 [0.988]	0.00 [0.000]	0.00 [0.000]
	HEATSINK: -2 (PIN-FIN)	2.60 [0.102]	23.68 [0.932]	0.00 [0.000]	0.00 [0.000]
ECUE-E (COPPER)	CABLE -T1-PX & -T2-PX	6.66 [0.262]	27.74 [1.092]	0.00 [0.000]	N/A
ECUE-E (COPPER)	CABLE -T2-AX	8.73 [0.344]	29.81 [1.174]	0.00 [0.000]	N/A
ECUE (COPPER)	N/A	5.41 [0.213]	26.49 [1.043]	0.00 [0.000]	N/A
ECUE (COPPER) (HDR-179381-XX)	TEST CABLE	5.41 [0.213]	26.49 [1.043]	2.51 [0.099]	N/A
ECUO WHEN USING CAT-IN-ECUO-XX TOOL	SEE ECUO OPTIONS				5.50 [0.217]

TABLE 1		
No Of POS		"A"
UEC5 -2	UCC8	
-019	-010	11.25 [0.443]
*-025	*-014	14.25 [0.561]

(* = NOT TOOLED)

TABLE 5	
UCC8 LEAD STYLE	MAXIMUM PCB COMPONENT HEIGHT
-1	0.30 [0.012]

FIG 1
UEC5-019-2-X-D-RA-1 SHOWN
UCC8-010-1-X-S-1-A SHOWN

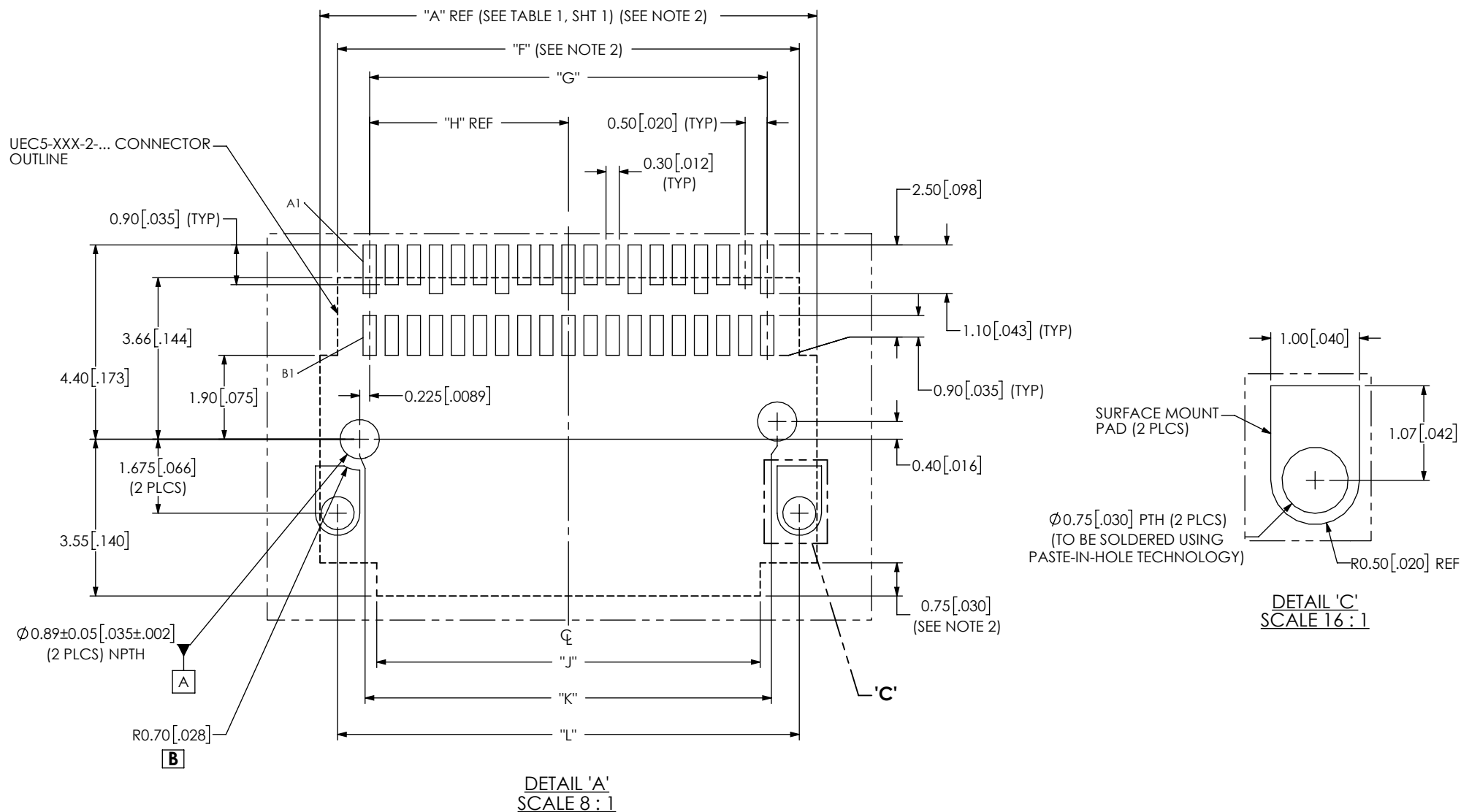
NOTES:

1. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE, EXCEPT AS SHOWN.
2. CONNECTOR ENVELOPE DIMENSIONS, OTHER COMPONENTS PLACED ON PCB SHALL AVOID THIS ZONE.
3. ABSOLUTE MINIMUM CONNECTOR SYSTEM ENVELOPE AREA, FOR MAXIMUM COMPONENT HEIGHT PLACED ON PCB IN THIS ZONE, SEE TABLE 5.
4. RECOMMENDED KEEPOUT REGION FOR ROW-TO-ROW LAYOUT OF ECUO AND ECUE. THIS KEEPOUT REGION IS APPLICATION DEPENDENT. FIBER TYPE, HEATSINK STYLE, AND OTHER BOARD COMPONENTS AND HARDWARE SHOULD BE FACTORED IN TO DETERMINE THE APPROPRIATE SPACING FOR ROW-TO-ROW LAYOUT OF ECUO AND ECUE.
5. CONSULT SAMTEC ENGINEERING FOR MORE INFORMATION AND REFERENCE PART #: APP-ECUX-STACKING.
6. AREA SIZE AND MAXIMUM COMPONENT HEIGHT IN THIS REGION LIMITED TO ALLOW FOR FLYOVER CABLE OR FIBER CLEARANCE.
7. THIS AREA MUST BE VOID OF ANY COMPONENTS OR OBSTRUCTIONS TO ALLOW CAT-IN-ECUO-XX TOOL TO WORK PROPERLY WITHOUT DAMAGE TO CUSTOMER BOARD. USE OF THIS TOOL ALSO INCREASES MULTIPLE FIREFLY SIDE-BY-SIDE SPACING; SEE APPLICATION SPEC IN FIREFLY MANUAL.

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UEC5-XXX-2-X-D-RA-1 SIGNAL MAPPING

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19
G	PAIR	G	PAIR	G	PAIR	G	PAIR	G	PAIR	G	PAIR	G	PAIR	G	PAIR	G	PAIR	G
G	PAIR	G	PAIR	G	PAIR	G	PAIR	G	PAIR	G	PAIR	G	PAIR	G	PAIR	G	PAIR	G
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19
ALL GROUND PINS IN ROW A ARE COMMON. ALL GROUND PINS IN ROW B ARE COMMON																		

TABLE 3

No OF POS UEC5	"F"	"G"	"H"	"J"	"K"	"L"	"Q"
-019	10.45 [.0411]	9.00 [.0354]	4.500 [.01772]	8.68 [.0342]	9.45 [.0372]	10.45 [.0411]	11.20 [.0441]
*-025	13.45 [.0530]	12.00 [.0472]	6.000 [.02362]	11.68 [.0460]	12.45 [.0490]	13.45 [.0530]	14.20 [.0559]

(*= NOT TOOLED)

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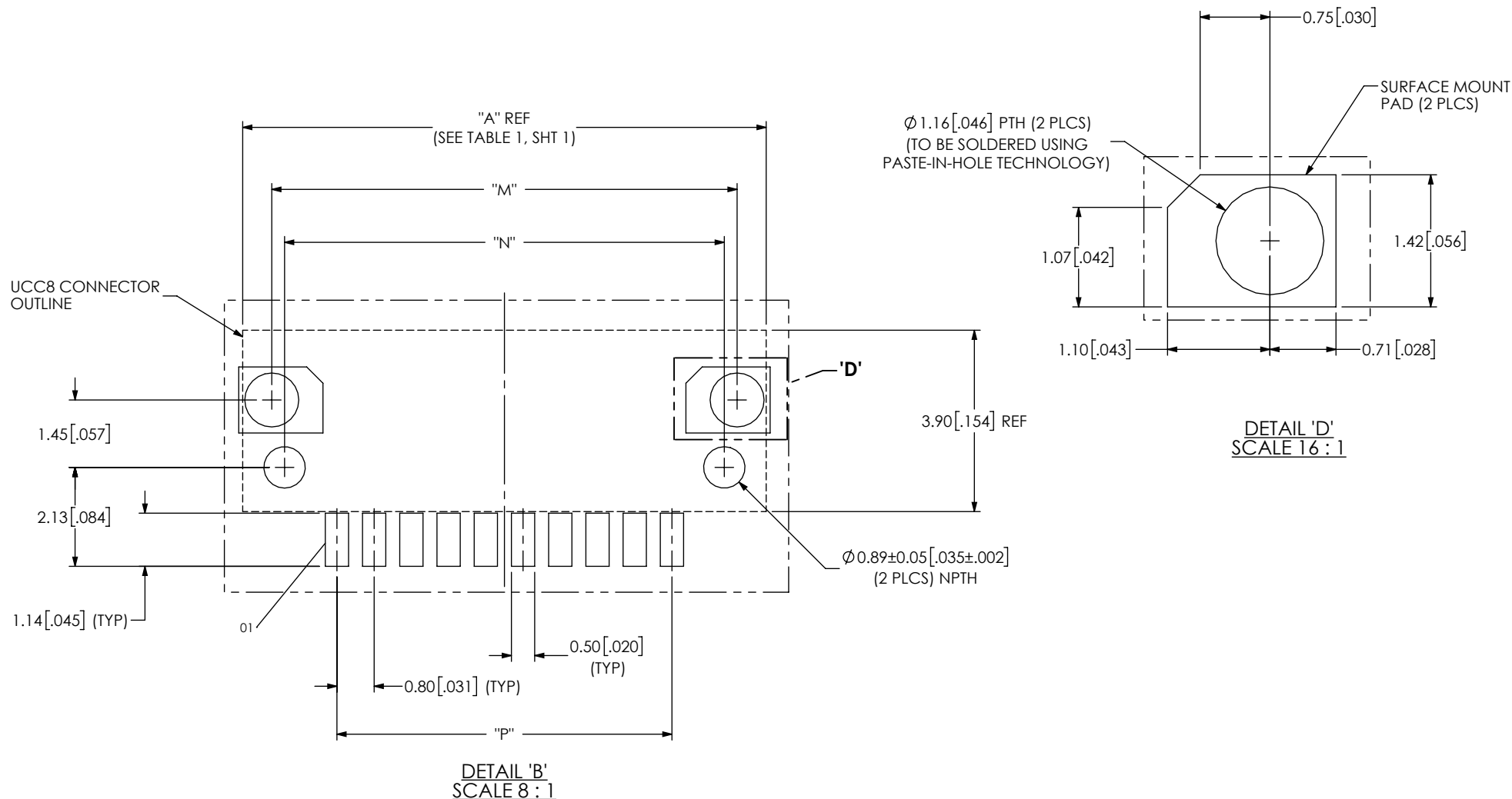


TABLE 4

No OF POS UCC8	"M"	"N"	"P"	"R"
-010	10.00 [0.394]	9.45 [0.372]	7.20 [0.283]	11.61 [0.457]
*-014	13.00 [0.512]	12.45 [0.490]	10.20 [0.402]	14.61 [0.575]

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21.08 [.830]

1.10 [.043] REF

4.57 [.180]

0.33 [.013]

2.63 [.104]

0.88 [.035]

2.96 [.117]

A1

B1

R0.57 [.023]

1.30 [.051]

1.70 [.067]

2.47 [.097]

2.63 [.104]

0.88 [.035]

"G"

(SEE TABLE 3, SHT 2)

"H"

(SEE TABLE 3, SHT 2)

0.50 [.020] (TYP)

1.10 [.043] (TYP)

2.50 [.098]

0.30 [.012] (TYP)

"Q"

(SEE TABLE 3, SHT 2)

"R"

(SEE TABLE 4, SHT 3)

1.77 [.070]

3.66 [.144]

4.30 [.169]

R0.68 [.027]

0.53 [.021]

01

0.80 [.031] (TYP)

0.50 [.020] (TYP)

"P"

(SEE TABLE 4, SHT 3)

1.78 [.070]

1.14 [.045] (TYP)

1.70 [.067]

1.20 [.047]

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