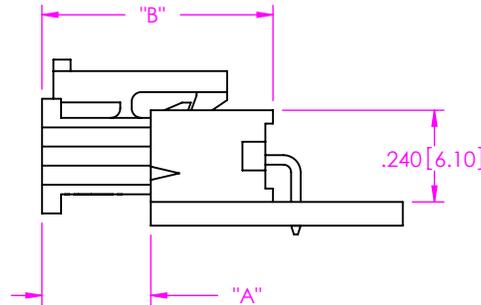


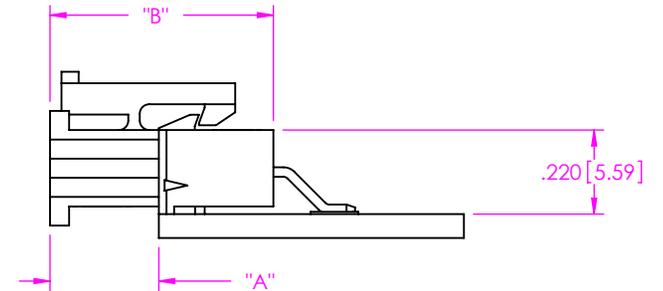
B	JZ	T Mo
5/9/2022	ECN-433427	

DESIGNED & DIMENSIONED  
IN INCHES[MILLIMETERS]

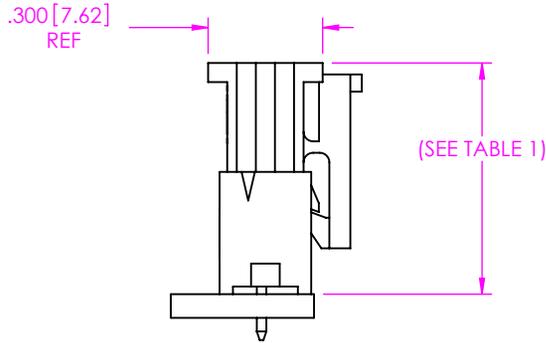
(FIGURE 2)  
MMSS MATED TO IPL1-01-S-RA



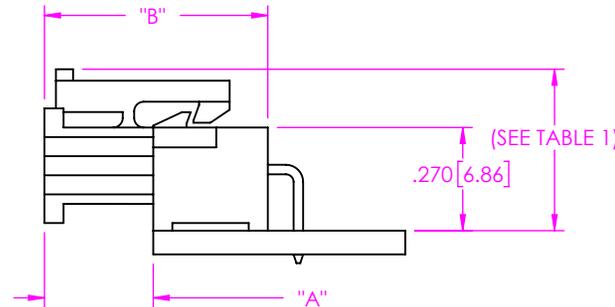
(FIGURE 3)  
MMSS MATED TO IPL1-02-SH



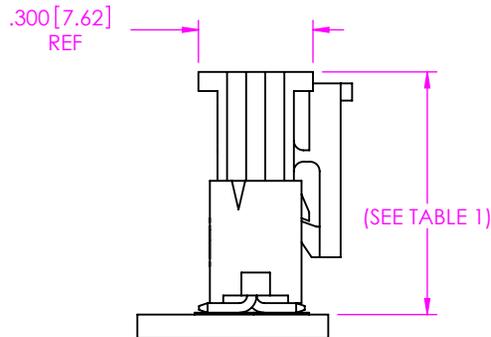
(FIGURE 1)  
MMSS MATED TO IPL1-01-S



(FIGURE 5) **B**  
MMSS MATED TO IPL1-01-S-RE1



(FIGURE 4)  
MMSS MATED TO IPL1-02-S



**B**

TABLE 1: STACK HEIGHTS			
IPL1-S LEAD STYLE			
	-01 (TH)	-02 (SM)	-01 (RE1)
MMSS	.605 [15.37mm]	.635 [16.13mm]	.423 [10.73]

TABLE 2						
	Fully Mated Board To Board Dimension ("A")	Max Board to Board Dimension ("A")	Fully Mated Connector To Connector Dimension ("B")	Max Connector To Connector Dimension ("B")	Min Contact Wipe	Max Contact Wipe
FIG. 1) MMSS / IPL1-01-S	See Table 1 for stack heights	=Stack height + .020 [0.508]	N/A	N/A	.015 [0.38mm]	.035 [0.89mm]
FIG. 2) MMSS / IPL1-01-S-RA	.285 [7.23mm]	.305 [7.75mm]	.605 [15.37mm]	.625 [15.88mm]	.015 [0.38mm]	.035 [0.89mm]
FIG. 3) MMSS / IPL1-02-SH	.285 [7.23mm]	.305 [7.75mm]	.585 [14.86mm]	.605 [15.37mm]	.015 [0.38mm]	.035 [0.89mm]
FIG. 4) MMSS / IPL1-02-S	See Table 1 for stack heights	=Stack height + .020 [0.508]	N/A	N/A	.015 [0.38mm]	.035 [0.89mm]
FIG. 5) MMSS / IPL1-01-S-RE1	.285 [7.23mm]	.305 [7.75mm]	.585 [14.86mm]	.605 [15.37mm]	.015 [0.38mm]	.035 [0.89mm]

NOTES:

1. ALL DIMENSIONS BASED ON NOMINAL VALUES FOR SAMTEC RECOMMENDED PCB LAYOUTS.
2. ALTHOUGH MAX DIMENSIONS ARE LISTED SAMTEC RECOMMENDS FULLY MATING COMPONENTS.

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