

3D Printed Connector:		Notes:	
Supplier:	Shapeways		
Material:	Smoothest Fine Detail Plastic (Acrylic)		<a href="https://www.shapeways.com/materials/fine-detail-plastic">https://www.shapeways.com/materials/fine-detail-plastic</a>
Female Connector:		\$8.26	
Male Connector:		\$15.50	
Shipping:		\$4.99	
Tax (NY):		\$2.52	
Total (For 1 Male and 1 Female):		\$31.27	
Total (For 10 Male and 10 Female):		\$263.82	- Or \$26.38 per set
Male Connectors:			
Supplier:	Samtec		
Header 8 pin:		\$0.72	MTMM-108-15-T-S-541
Header 2 pin (Quantity of 2):		\$0.36	MTMM-102-15-T-S-542
Socket 8 pin:		\$1.33	ESQT-102-02-F-S-309
Socket 2 pin (Quantity of 2):		\$1.26	ESQT-108-02-F-S-310
Freight		\$1.43	
Tax (NY)		\$0.45	
Total (For 1 Male):		\$5.55	
Total (For 10 Male):		\$41.53	- Or \$3.68 for 1 connector
Female Connectors:			
Supplier:	TE Connectivity / Mouser		
Pin Receptacles (Quantity of 20):		\$2.78	2-1703930-1
Freight		\$7.99	
Tax (NY)		\$0.94	
Total (For 1 Male):		\$11.71	
Total (For 10 Male):		\$32.61	- Or \$3.26 for 1 connector
Wire:			
Supplier:	McMaster		
Black 24 Gauge Space-Saver (10ft):		\$3.00	6450T23
Freight		\$8.64	
Tax (NY)		\$1.02	
Total (For 1 Male):		\$12.66	
Total (For 10 Male):		\$42.02	- Or \$4.20 for 1 connector
Total Pricing (1 set):		\$61.19	
Total Pricing (5 set):		\$202.53	- Or \$40.51 for 1 set
Total Pricing (10 set):		\$379.98	- Or \$37.52 for 1 set