Kelly Designs

Explorer HAT Coupling Kit
PN: 1278
Rev A

As of: 10/9/2017
Patrick Kelly, Jack Kelly
© Copyright 2017

Item	Qty	Location (*bottom*)	Mfg Part #	Description	Rating	Footprint	Mfg	Mouser	DigiKey	Notes	$ each	Total
				Assemble Explorer HAT to Raspberry PI								
1	4	M1, M2, M3,M4	970080151	Hex Spacer M2.5 threaded Steel 8mm			Wurth	NA	732-10531-ND		0.422	1.688
2	4	M1, M2, M3,M4	971050151	Hex Standoff M2.5 Steel M/F 5mm			Wurth	NA	732-10380-ND		0.314	1.256
3	8	M1, M2, M3,M4	29300	Screw Machine Pan M2.5 x 4mm			Keystone	534-29300	36-29300-ND		0.237	1.896
4	8	M1, M2, M3,M4	3114	Washer Flat #2 Nylon			Keystone	534-3114	36-3114-ND		0.074	0.592
5	0	M1, M2, M3,M4	222 (Purple)	Threadlocker 222 tube 6 ml			Loctite	(on screw)	Amazon		8.140	0.000
							Sub total:		**$5.43**			

Notes:

1	These components should be stocked due to concerns over lead time and/or limited substitutions available.
2	Cut pins flush to this board (0.030 inch or less)
3	Do not wash
4	
5	Leave holes open (do not fill with solder)
6	Thru-hole component
7	