



Kelly Designs

Explorer HAT Coupling Kit
PN: 1278
Rev P1

As of: 7/26/2017
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Item	Qty	Location (<i>bottom</i>)	Mfg Part #	Description	Rating	Footprint	Mfg	Mouser	DigiKey	Notes	\$ each	Total
				Assemble Explorer HAT to PI Zero								
1	4	M1, M2, M3,M4	R30-6700494	Spacer M3 nylon 4mm			Harwin	855-R30-6700494	952-1527-ND		0.243	0.972
2	4	M1, M2, M3,M4	QM2490010A20000	Screw Machine Pan M2.5 x 10 Phillips			Fastenal	NA	NA		0.065	0.260
3	4	M1, M2, M3,M4	MN2490000A20000	Nut Hex M2.5-0.45			Fastenal	NA	NA		0.047	0.188
4	0	M1, M2, M3,M4	222 (Purple)	Threadlocker 222 tube 6 ml			Loctite	(on M2 screw end)	Amazon		8.140	0.000
							Sub total:		\$1.42			

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	