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[Qualtek Electronics Corp.](#)
[Q2-F-QK1-01-6IN-180](#)

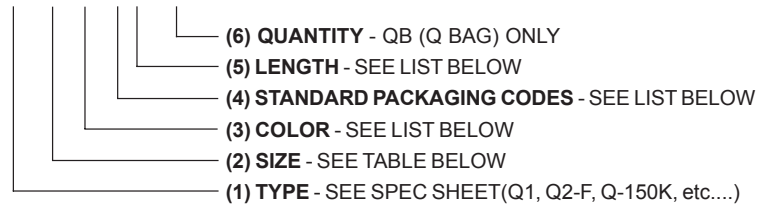
For any questions, you can email us directly:
sales@integrated-circuit.com

PART NUMBER GUIDE

PART NUMBER EXAMPLE: Q2-F-3/64-01-QB48IN-25

PART NUMBER EXAMPLE:

X - X - X - X X - X



NOTE: Table below represents information on individual spec sheet

- 4 STANDARD PACKAGING CODES:**
MS - MINI SPOOL + LENGTH (FT or M)
QB - Q BAG (Polybag contains quantity specified)
QX - Q BOX + LENGTH (FT or M)
RK - REFILL BAG
SS - STANDARD SPOOL + LENGTH (FT or M)

- 3 COLOR CODES:**
01 BLACK
02 CLEAR
03 WHITE
04 RED
05 BLUE
06 GREEN
07 YELLOW
08 YELLOW / GREEN
09 BROWN
10 ORANGE
11 ASSORTED COLORS
12 GRAY

- 5 LENGTH:**
 FT = FEET
 M = METERS
 IN = INCH
 MM = MILLIMETERS

HEAT SHRINK THIN WALL TUBING Qualtek Electronics

Q2-F RoHS Compliant

FLEXIBLE, FLAME RETARDANT POLYOLEFIN TUBING
ENVIRONMENT FRIENDLY, HIGHLY FLAME RETARDANT
SHRINK RATIO 2:1

Features/Applications
 Provides both commercial and military applications electrical insulation and protects in-line components, disconnect terminals and splices with its high strength and excellent resistance. Bundles wires for very flexible light-duty harnesses. Identifies or color-codes wires, cables, terminals and components.

- Operating temperature: -55°C to +135°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: 100°C
- Approval: **UL** File No. E228157, **Q242540**
- 125°C, VW-1, 600V
- Meets: SAE-AMS-DTL-2305/3/5 Class 1 & 3, Sony-SS-00259
- Material: No PBB's, PBBO's, PBBE's, Free of Cadmium & Lead
- Standard colors: Black, red, blue, yellow, green, white, clear (class 2)
- RoHS Compliant

Technical Data		
Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	1400psi
elongation at break	ASTM D 2671	180%
elongation after aging (15°C, 168 hrs)	ASTM D 2671	200%
Heat Shrink (200°C, 4 hrs)	UL 224 (UL 224-0101) Q242540	2:1
Heat Shrink (200°C, 4 hrs)	ASTM D 2671	No cracking
Dielectric Strength	ASTM D 149	1000V/mm
Dielectric Strength	ASTM D 149	2000V/mm
Volume Resistance	ASTM D 1708	10 ¹² Ohm-cm
Surface Resistance	ASTM D 1708	10 ¹¹ Ohm-cm
Dielectric Constant	ASTM D 1708	2.3
Dielectric Loss Tangent	ASTM D 1708	0.001
Flammability	UL 224	V-0

Product Dimensions							
Size (Inch)	As Supplied (mm)		After Recovered (mm)		Standard Packaging		
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Mini Spool (MS) (Feet)	Standard Spool (SS) (Feet)	Box Length (QX) (Feet)	Cut to Length Pcs. Qty per bag (QB)
3/64	1.2	0.6	0.40	100	1000	50	40 25
1/16	1.6	0.8	0.40	100	1000	50	36 25
3/32	2.4	1.2	0.48	100	500	50	32 25
1/8	3.2	1.6	0.48	100	500	50	28 25
3/16	4.8	2.4	0.48	100	500	30	24 25
1/4	6.4	3.2	0.56	100	500	30	20 25
5/16	8.0	4.0	0.62	100	250	30	18 25
3/8	9.5	4.8	0.62	100	250	30	16 25
1/2	12.7	6.4	0.62	100	200	15	14 5
5/8	15.9	8.0	0.68	50	200	15	14 5
3/4	19.1	9.5	0.68	50	200	15	12 5
1	25.4	12.7	0.87	50	200	15	8 5
1 1/4	31.8	15.9	1.00	50	100	-	8 5
1 1/2	38.1	19.1	1.00	50	100	-	5 5
2	50.8	25.4	1.10	50	100	-	3 5
3	76.2	38.1	1.20	--	100	-	2 2
4	102.0	50.8	1.35	--	100	-	1 2
5	125.0	63.5	1.40	--	50	-	1 2
6	151.0	75.0	1.40	--	50	-	1 2

Notes:
 1. See page 8 - Part Number Guide for standard packaging codes.
 2. Cross Reference Guide located on page 1.
 3. Special sizes, packaging, colors and cut pieces are available upon request.

ISO-9001 Company www.qualtekusa.com Q2F-2000

SAMPLE TABLE: Q2-F

Size (Inch)	Product Dimensions						
	As Supplied (mm)	After Recovered (mm)			Standard Packaging		
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Mini Spool *(MS) (Feet)	Standard Spool *(SS) (Feet)	Box Length *(QX) (Feet)	Cut to Length Pcs. Qty per bag *(QB)
3/64	1.2	0.6	0.40	100	1000	50	40 25
1/16	1.6	0.8	0.40	100	1000	50	36 25
3/32	2.4	1.2	0.48	100	500	50	32 25
1/8	3.2	1.6	0.48	100	500	50	28 25
3/16	4.8	2.4	0.48	100	500	30	24 25
1/4	6.4	3.2	0.56	100	500	30	20 25
5/16	8.0	4.0	0.62	100	250	30	18 25
3/8	9.5	4.8	0.62	100	250	30	16 25
1/2	12.7	6.4	0.62	100	200	15	14 5
5/8	15.9	8.0	0.68	50	200	15	14 5
3/4	19.1	9.5	0.68	50	200	15	12 5
1	25.4	12.7	0.87	50	200	15	8 5
1 1/4	31.8	15.9	1.00	50	100	-	8 5
1 1/2	38.1	19.1	1.00	50	100	-	5 5
2	50.8	25.4	1.10	50	100	-	3 5
3	76.2	38.1	1.20	--	100	-	2 2
4	102.0	50.8	1.35	--	100	-	1 2
5	125.0	63.5	1.40	--	50	-	1 2
6	151.0	75.0	1.40	--	50	-	1 2

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