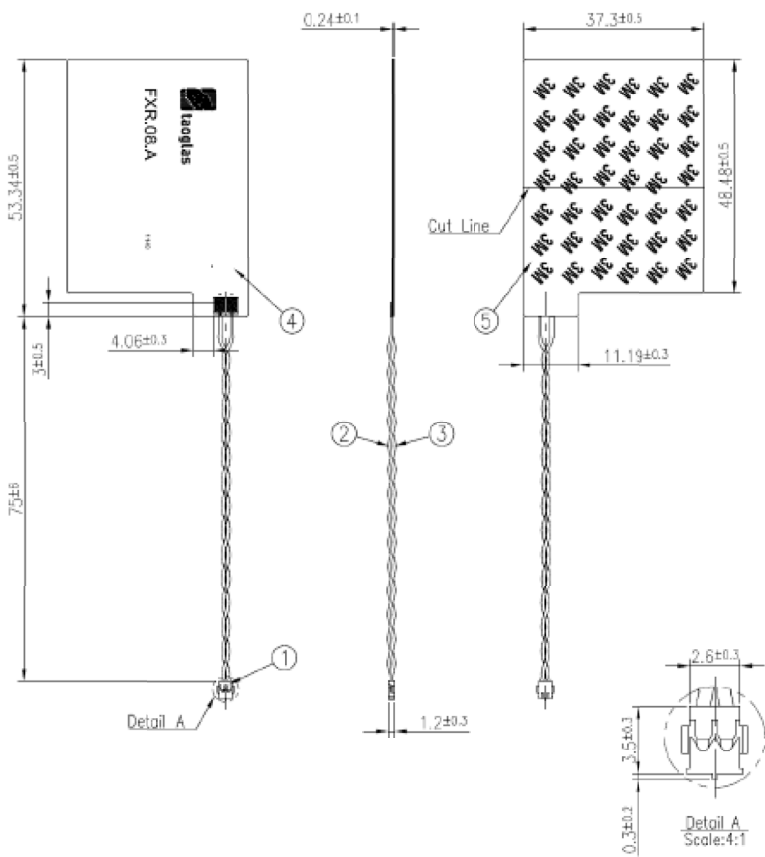




	Name	P/N	Material	Finish	QTY
1	ACH Connector (F)	208115C000000A	Engineering Plastic	Black	1
2	PVDF Cable (28AWG)	304515C000000A	PVDF	White	1
3	PVDF Cable (28AWG)	304515C010000A	PVDF	Gray	1
4	FXR.08.A.FPCB	100111L010011A	Polymer 0.15t	Black	1
5	Double-Sided Adhesive	100111L010011A	3M 467	Brown Liner	1

Flexible PCB Near-Field Communications Antenna		
Frequency	13.56	MHz
Inductance @ 13.56 MHz	4.5	µH
Mechanical		
Antenna Dimensions	Dimensions: 53.34 mm x 37.3 mm Thickness: 0.24 mm	
Cable Length	75 mm	
Connector Type	ACH(F)	
Adhesive	3M 467	
Weight	2g	
Environmental		
Operation Temperature	-40°C to 85°C	
Storage Temperature	-40°C to 85°C	
Humidity	Non-condensing 65°C 95% RH	

SEE ATTACHED MANUFACTURER'S DATASHEET FOR FULL DETAIL.

ROHS COMPLIANT PARTS ONLY

PACKAGING CODES NOT TO BE ON THIS DRAWING. (P) = PACKAGING CODE PLACE HOLDER

MANUFACTURER	MFR PART NUMBER
TAOGLAS ANTENNA SOLUTIONS	FXR.08.52.0075X.A
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—	—
—	—
—	—
—	—
—	—
—	—
—	—
—	—
—	—

(X) DENOTES DIMENSIONS AND/OR SPECIFICATIONS WHICH WERE CHANGED PER LATEST REVISION (X). HOWEVER, VENDOR IS RESPONSIBLE FOR PRODUCING PARTS TO LATEST REVISION, WHETHER OR NOT SYMBOL IS PRESENT.

TOLERANCES UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN INCHES [MILLIMETERS]

.XX=± .01 .XXX=± .005

ANG=+ 1/2°

(CONFIDENTIAL) DO NOT CHANGE WITHOUT THE FOLLOWING AGENCY APPROVAL(S):N/A

Document Number: 0006035290

Printed By: J.Kuzmich, Bob/October 12, 2022

Int: 0.4

INDUSTRIAL SCIENTIFIC CORPORATION

TITLE:

STD: ANTENNA,NFC,FPC,75MM,TWISTED,ACH

ENGINEER:

B HAAS

DRAWING NUMBER:

1715A7621-500

01 of 01

DRAWN BY:

R BRENSTUHL

CREATED ON:

01/27/2017

Modified: 2047-02-06 00:44:04 EST

State:Released

Rev:0



DO NOT SCALE
DRAWING