

WIRE:

Conduct: Solid(单芯)
AWG size: 28 AWG (Data) ; 28 AWG(GND)
Material: Tin-plating copper(镀锡铜)

INSULATION:

Material of insulation: TPE red/pink (Halogen Free)
Insulation thickness average: 0.19mm
Minimum insulation thickness: 0.17mm

JACKET:

Material of insulation: PE Black(Halogen Free)

PHYSICAL PROPERTIES:

After 7 days air oven at -20°C to 80°C
Percent of original: 65% at least
Average elongation: 180%
Percent of original: 55% at least
Flame rated: FT2

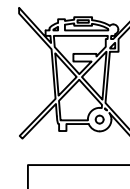
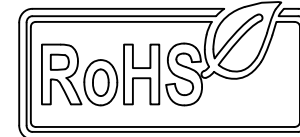
ELECTRONIC CHARACTERISTICS:

Spark test: 1200V
Dielectric strength test: Minimum 600V in 1 miute
Conductor Maximum: Maximum 365/Km
Insulation resistance: Minimum 95MΩ-Km
Differential Impedance: 95Ω
Attenuation: -6 dB Max.
Next: -28dB. Min. / 3G Hz
Pair match impedance: ±15Ω
Skew: 15 ps max.
Rise time: 110 ps Max.

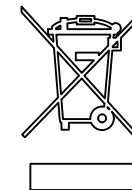
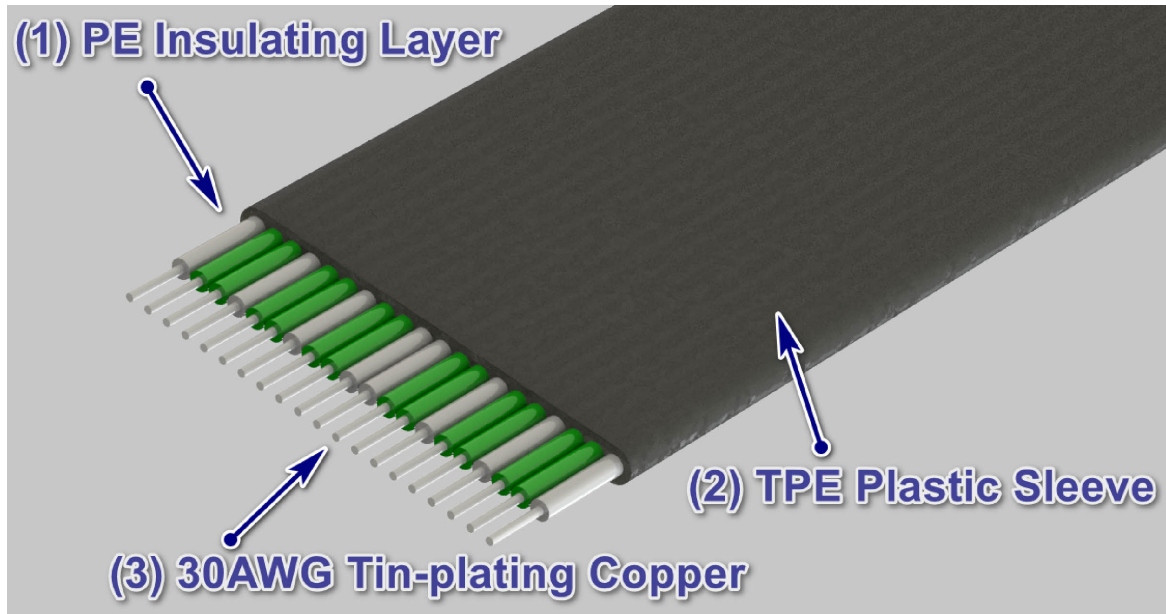
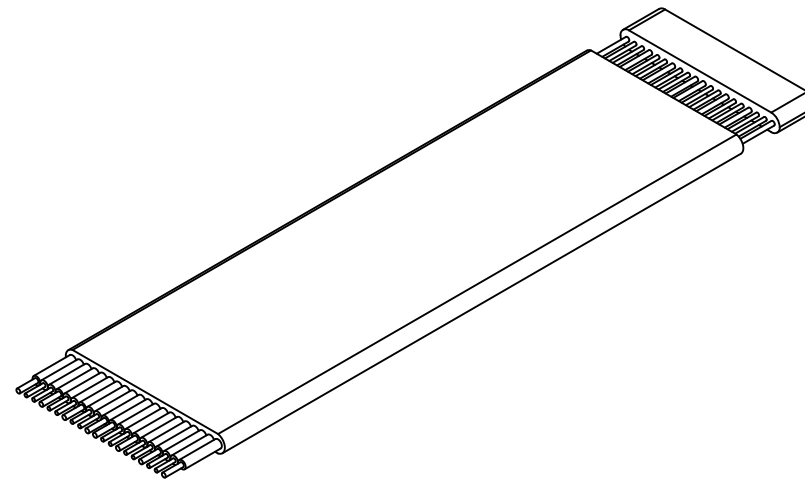
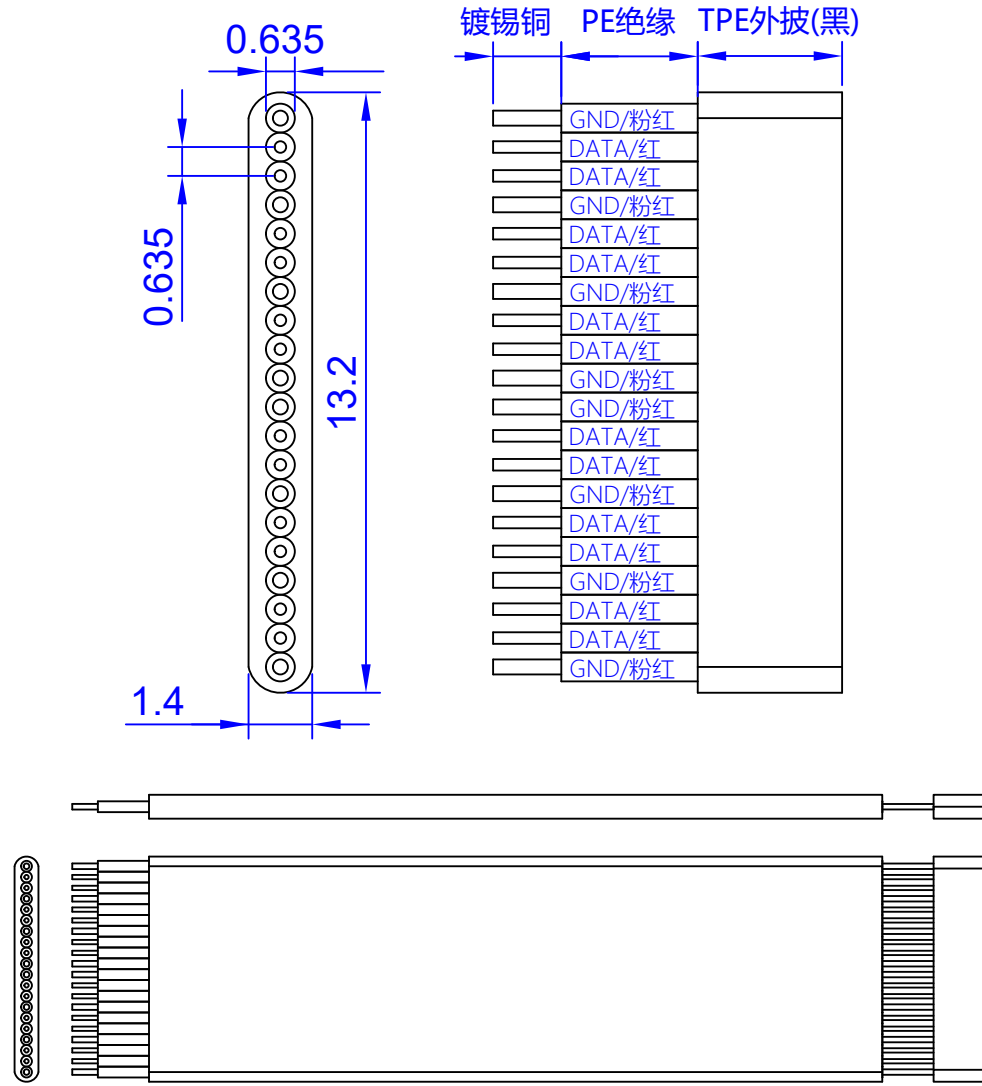
Mechanical Properties:

Minimum Bend Radius: 2.0 mm (one-time fold)

MARKING:
PACKAGE:



APPROVED:	— TOLERANCES —		UNIT:	TITLE :		SHEET
ENGINEER:	General	Angles	mm	13Pin 4 Pairs Data Flat Cable		1/1
CHECKED:	30~	0°	SCALE:	DRAWING NUMBER:	Date	SIZE
DRAWN:	10~30	0.0°	1:1	ADT-13P-001	2022-May-25	A4
Gwydion	5~10			ADT-Link www.adt.link		REV.
	0~5					A/0



WIRE :

Counduct: Solid(单芯)
AWG size: 28 AWG (DATA) ; 28 AWG (GND)
Material: Tin-plating copper(镀锡铜)

INSULATION:

Material of insulation: TPE red/pink (Halogen Free)
Insulation thinskness average: 0.19mm
Minimum insulation thickness: 0.17mm

JACKET:

Material of insulation: PE Black(Halogen Free)

PHYSICAL PROPERTIES:

After 7 days air oven at -20°C to 80°C
Percent of original: 65% at least
Average elongation: 180%
Percent of original: 55% at least
Flame rated: FT2

ELECTRONIC CHARACTERISTICS:

Spark test: 1200V
Dielectric strength test: Minimum 600V in 1 miute
Conductor Maximum: Maximum 365/Km
Insulation resistance: Minimum 95MΩ-Km
Differential Impedance: 95Ω
Attenuation: -6 dB Max.
Next: -26dB. Min. / 3G Hz
Pair match impedance: ±15Ω
Skew: 15 ps max.
Rise time: 110 ps Max.

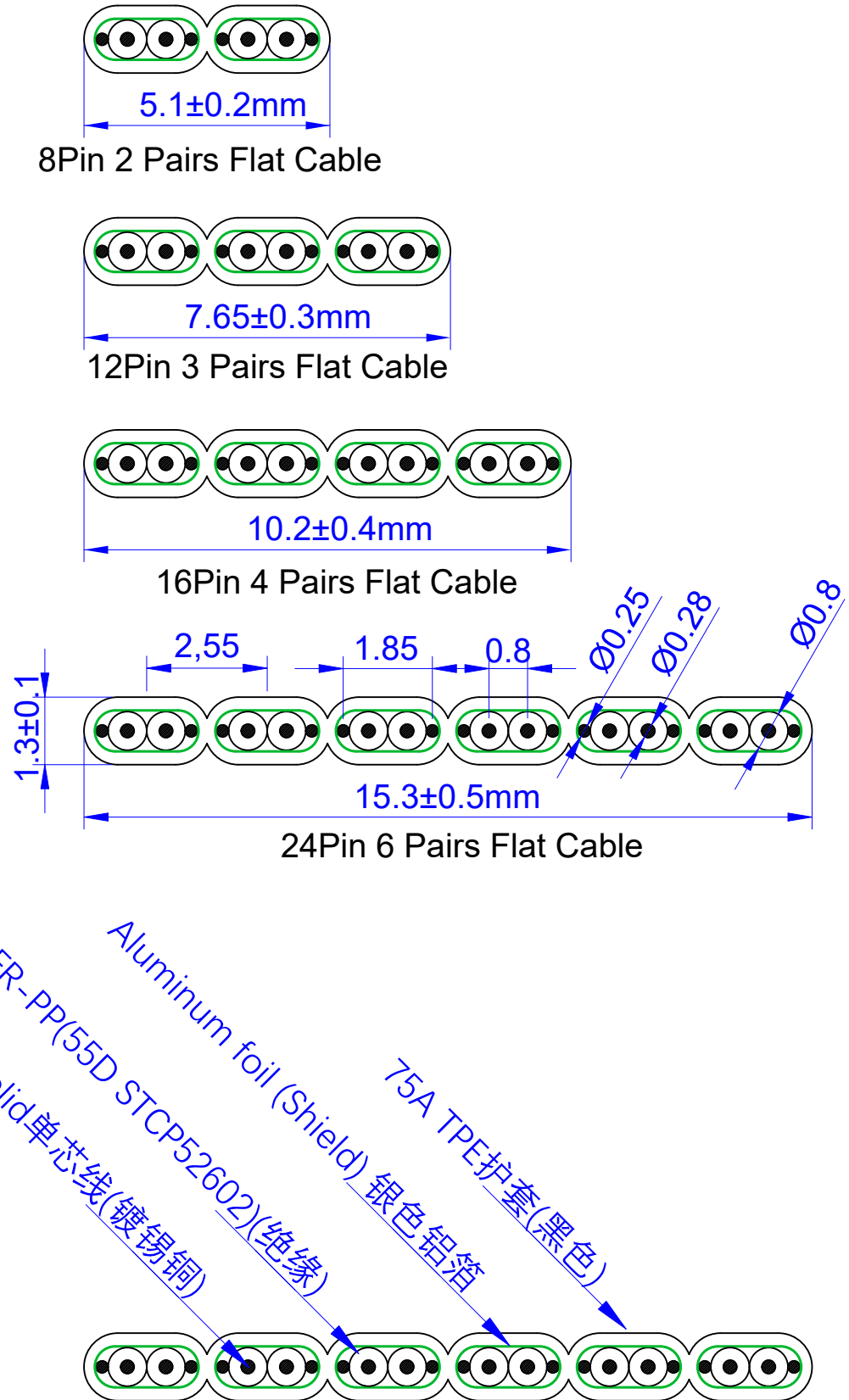
Mechanical Properties:

Minimum Bend Radius: 2.0 mm (one-time fold)

MARKING:

PACKAGE:

APPROVED:	- TOLERANCES -		UNIT:	TITLE :		SHEET
ENGINEER:	General	Angles	mm	20Pin 6 Pairs Data Flat Cable		1/1
CHECKED:	30~	0°	SCALE: 1:1	DRAWING NUMBER:	Date	SIZE
DRAWN:	10~30	0.0°		ADT-20P-001	2022/May/25	A4
Gwydion	5~10			ADT-Link www.adt.link		REV.
	0~5					A/0



WIRE:

Conduct: Solid(单芯)
AWG size: 28 AWG (DATA) ; 30 AWG (GND)
Material: Tin-plating copper(镀锡铜)

INSULATION:

Material of insulation: PE Black (Halogen Free)
Insulation thickness average: 0.26mm
Minimum insulation thickness: 0.23mm

JACKET:

Material of insulation: TPE Black(Halogen Free)

PHYSICAL PROPERTIES:

After 7 days air oven at -20°C to 80°C
Percent of original: 65% at least
Average elongation: 180%
Percent of original: 55% at least
Flame rated: FT2

Silver color TPE jacket



ELECTRONIC CHARACTERISTICS:

Voltage: 30V
Spark test: 1200V
Dielectric strength test: Minimum 600V in 1 miute
Conductor Maximum: Maximum 365/Km
Insulation resistance: Minimum 95MΩ-Km
Differential Impedance: 100Ω
Attenuation: -6 dB Max.
Next: -26dB. Min. / 3G Hz
Pair match impedance: ±25Ω
Skew: 15 ps max.
Rise time: 110 ps Max.

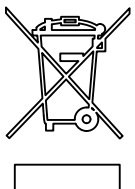
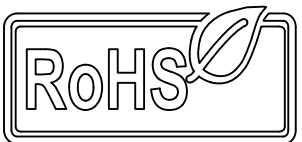
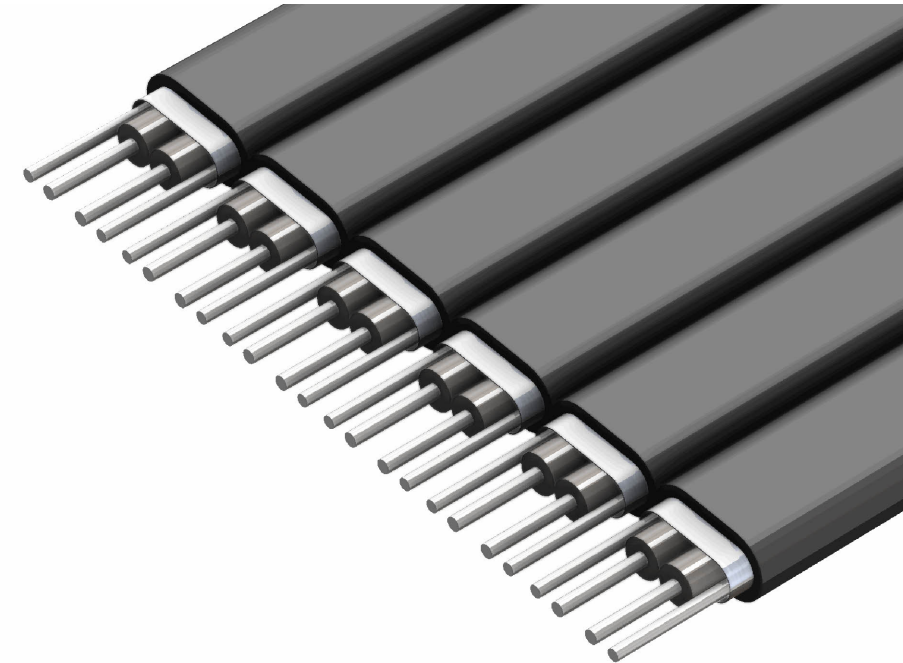
Mechanical Properties:

Minimum Bend Radius: 2.0 mm (one-time fold)

MARKING:

PACKAGE:

Black color TPE jacket



APPROVED:		UNIT:	TITLE : 24Pin 6 Pairs Data Flat Cable		SHEET
ENGINEER:		mm			
CHECKED:		SCALE:	DRAWING NUMBER: ADT-24P-001	Date 2022/May/25	SIZE
DRAWN: Gwydion			ADT-Link www.adt.link		REV.