

Non-Stripping, Multi-Connection Connector
무탈피 다접점 전선커넥터



JOW®



AGENT



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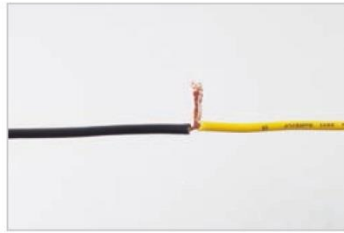
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Previous Method | 기존방식



① 피복탈피
(Wire Stripping Operation)



② 동선결선
(Wire Connection)



③ 테이핑
(Taping)



④ 완성
(Completed)

- * 재사용불가
- * Not reusable

Latest Method | 최신방식



I-Type



T-Type

ADVANTAGES OF JOW CONNETOR | 조우 커넥터의 특성



I-Type



T-Type

- No need to remove wire insulation.
- 피복을 벗기지 않는다.
- No need to splice the wires.
- 결선을 하지 않는다.
- No need for taping.
- 테이핑을 하지 않는다.
- Water and dust resistant. (IP 33)
- 생활 방수, 생활 방진이 된다
- Absolutely free from electric shock.
- 감전의 위험이 전혀없다.
- As easy as 1-2-3 operation.
- 작업이 쉽다.
- Accommodate all kinds of electric wires
- 단선과 연선 연결이 자유롭다

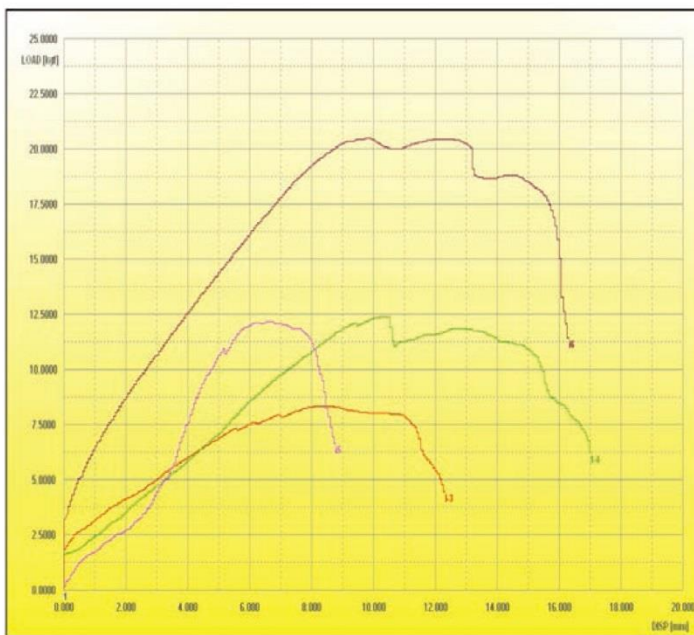
CONNECTION DIAGRAM | 결선도

Products	I-1	I-2	I-3	I-4	I-5	T-1	T-2	T-3	T-4	T-5	T-21	DI-1	DI-2	DI-21
mm ²	0.2~0.5	0.75	1.5	2.5	4.0	0.2~0.5	0.75	1.5	2.5	4.0	0.75~(0.2~0.5)	0.2~0.5	0.75	0.75~(0.2~0.5)
Wire Type	Solid or Stranded													
Number of Wire	1:1Connection											2:2Connection		
Picture														
Diagram														

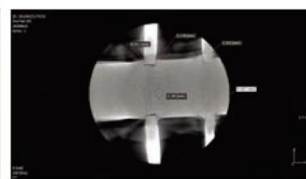
CONTACT AREA | 접촉면적

I-Type			T-Type		
4 Point	9 Point	12 Point	4 Point	12 Point	12 Point
[Amp] < 10	10 ≤ [A] < 50	50 ≤ [A] < 100	[Amp] < 10	10 ≤ [A] < 50	50 ≤ [A] < 100

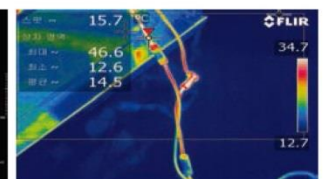
TEST RESULT | 시험결과



Tensile strength Graph



X-ray

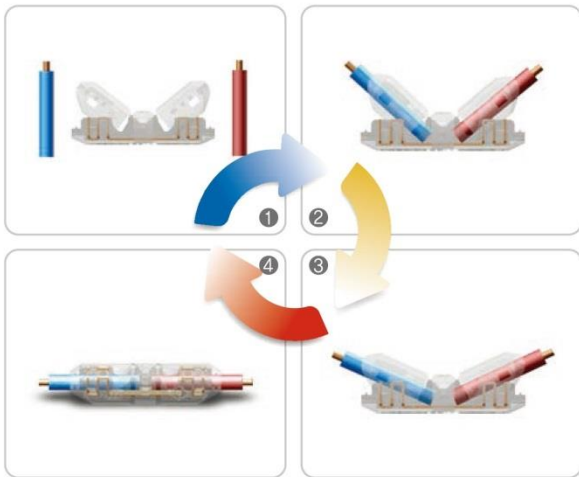


Thermal image

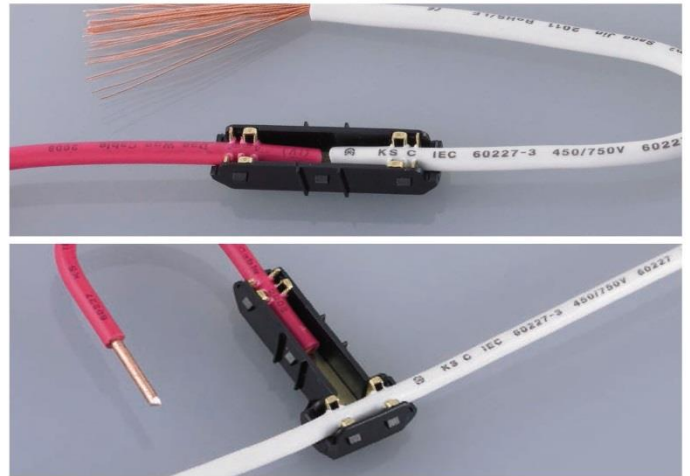
Tensile strength | 인장강도

시료번호	단면적	최대하중	인장강도	항복하중	항복강도	표점	최대변위	연신율
단위	mm ²	kgf	kgf/mm ²	kgf	kgf/mm ²	mm	mm	%
1	15.14	11.19	0.739	0	0	100	19.07	19.07
I-3	1	8.338	8.338	0	0	1	12.33	1233
I-4	1	12.37	12.37	0	0	1	17.06	1706
i5	1	12.165	12.165	0	0	1	8.79	879
i6	1	20.473	20.473	0	0	1	16.33	1633
Avr.	3.828	12.907	10.817	-	-	20.8	14.7136	1094

CONNECTION ORDER | 접속순서



ANATOMY | 접속형태



PRODUCT APPLICATION | 제품사용처



건설산업
Construction



조선산업
Shipbuilding



자동차산업
Automotive



항공산업
Aerospace



인테리어, 조명
LED and Lighting



통신장비
Telecommunication



태양열발전
Solar power



방위산업
Defense

CERTIFICATIONS



특허증
Certificate of Patent



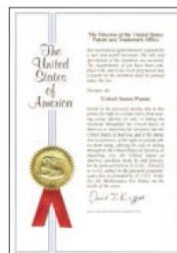
특허증
Certificate of Patent



특허증
Certificate of Patent



특허증
Certificate of Patent



미국특허증
The U.S.A. Letters Patent



중국특허증
Patent of China



일본특허증
Patent of Japan



ISO9001인증
ISO9001 Certification



ISO14001인증
ISO14001 Certification



CE인증
CE Certification



PSE 인증서
Certification of PSE



ETL 인증서
Certification of ETL



제품신뢰성테스트
Product Reliability Test



전기특성
테스트레포트
Electrical Characteristics
Test Report

PRODUCT SPECIFICATIONS | 제품사양

Products	I-1	I-2	I-3	I-4	I-5	T-1	T-2	T-3	T-4	T-5	T-21	DI-1	DI-2	DI-21
mm ² AWG	0.2~0.5 27~20	0.75 19~17	1.5 16~14	2.5 13~12	4 11~10	0.2~0.5 27~20	0.75 19~17	1.5 16~14	2.5 13~12	4 11~10	0.75~(0.2~0.5) (19~17)~(27~20)	0.2~0.5 27~20	0.75 19~17	1.5 16~14
Connection Method	Insulation Displacement & Multiple Connection(IDMC) Technology													
Number of wire	1 or 2													
Connection Method	Auto strip, splice and connection with ease													
Wire type	solid or stranded													
Waterproof status(IP)	IP 33													
Measured voltage EN(V)	600													
Connector type	I Type					T Type					DI Type			
Measured shock voltage (kv)	1.8	6	9	12	18	1.8	6	9	12	18	1.8	1.8	6	1.8
Connected Loss (Ohm)	0.0018	0.001	0.0001	0.0001	0.0001	0.0018	0.001	0.0001	0.0001	0.0001	0.0018	0.0018	0.0018	0.0018
Maximum Current (A)	3	10	15	20	25	3	10	15	20	25	3	3	10	3
Tensile strength (NT)	35	77	165	263	310	35	77	165	263	310	35	35	77	35
Weight (g)	0.8	1	2.1	2.5	4.4	1	1.6	2.9	3.3	5.7	0.9	1.5	3.5	2.5
Color	White	Charcoal	Yellow	Green	Orange	White	Charcoal	Yellow	Green	Orange	Grey	White	Charcoal	Grey
Height (a : mm)	5.5	6	7.2	7.7	10.4	5.5	6	7.2	7.7	10.4	5.5	5.5	6.5	6.5
Width (b : mm)	5.5	6	7.2	7.7	10.4	5.5	6	7.2	7.7	10.4	5.5	8.5	10.5	10.5
Width (T-type) (d : mm)						14	16	16	18	20	11			
Depth (c : mm)	25	30	30	36	40	25	30	31	37	42	22	18	23	20
Strip length from (mm)	5	7	9	10	11	5	7	9	10	11	5	7	5	7
Strip length to (mm)	7	9	12	13	15	7	9	12	13	15	5	5	7	7
Connection points	4	4	9	9	9	4	4	9	9	9	4	4	4	4
Metal thickness	0.3	0.4	0.5	0.5	0.5	0.3	0.4	0.5	0.5	0.5	0.3	0.3	0.4	0.3
HS code	853690													
RoHS	Compliant													

COMING SOON

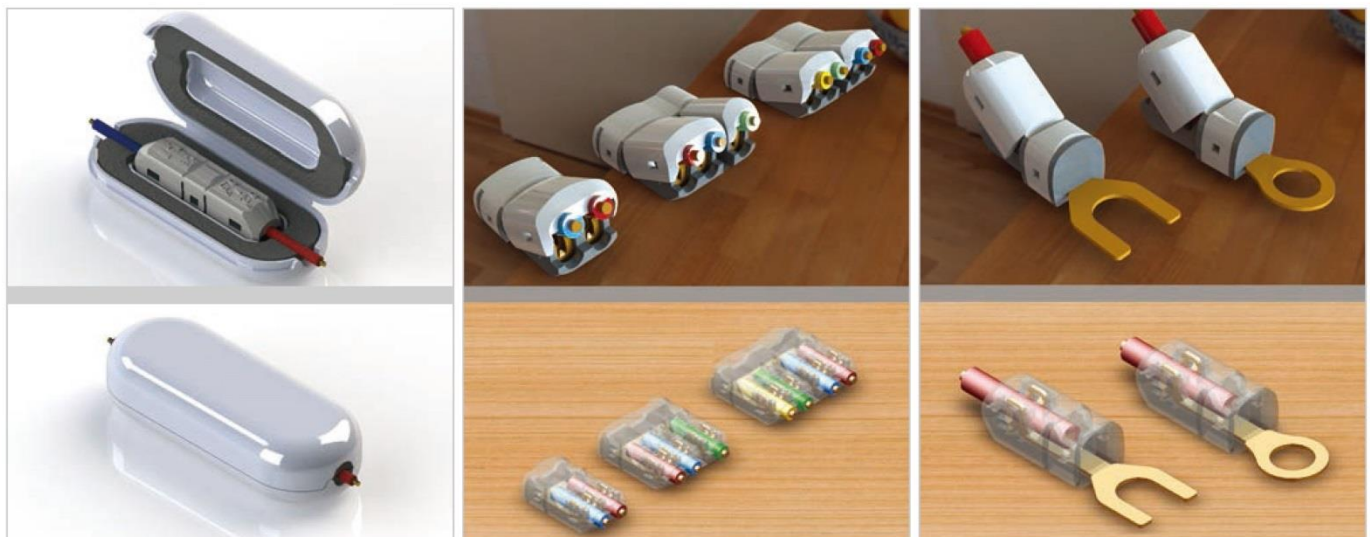


Cam-I

Cam-T

Multi-I

PT



Waterproof housing

Terminal Block

Ring/Spade terminal