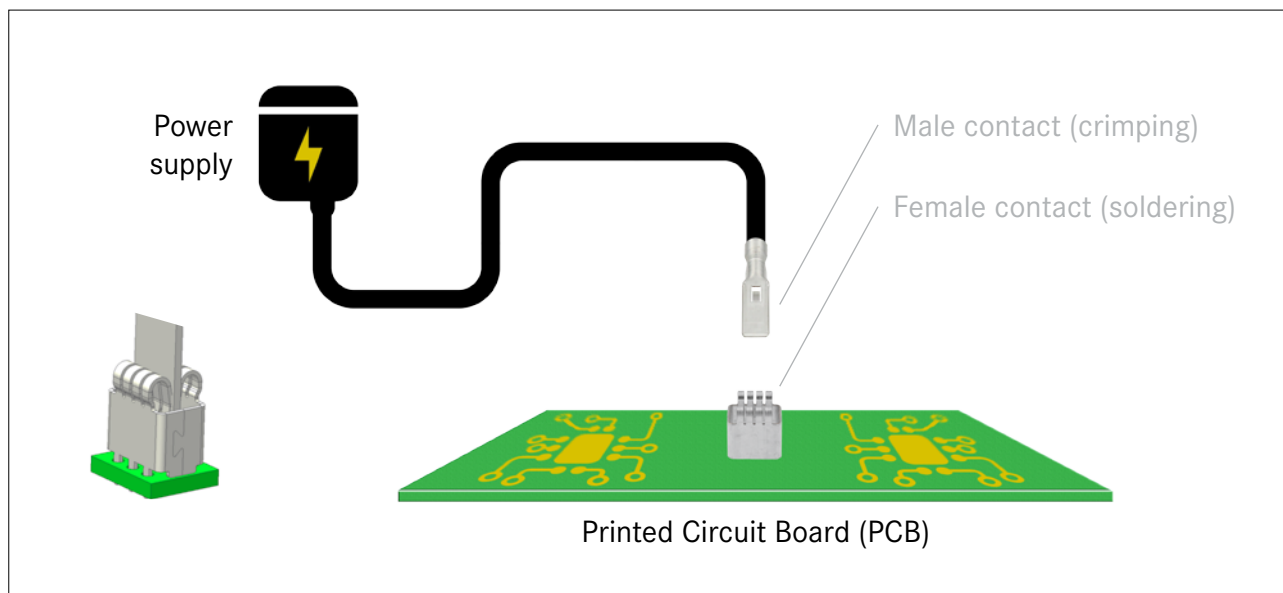




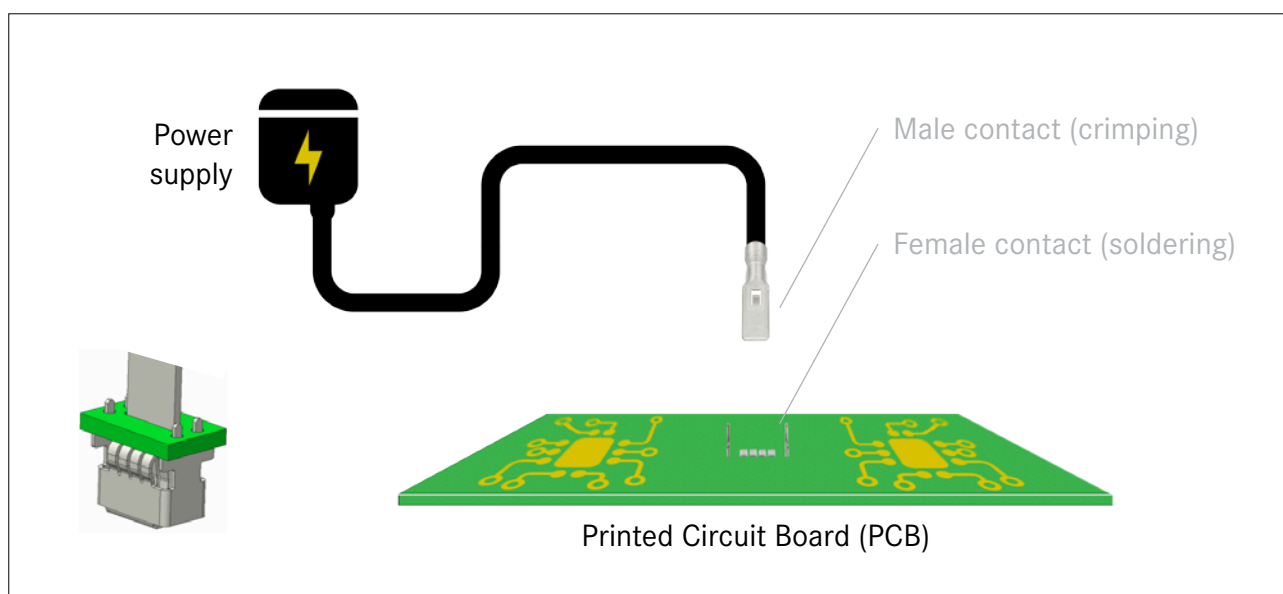
SFBC

HIGH-CURRENT CONTACTS

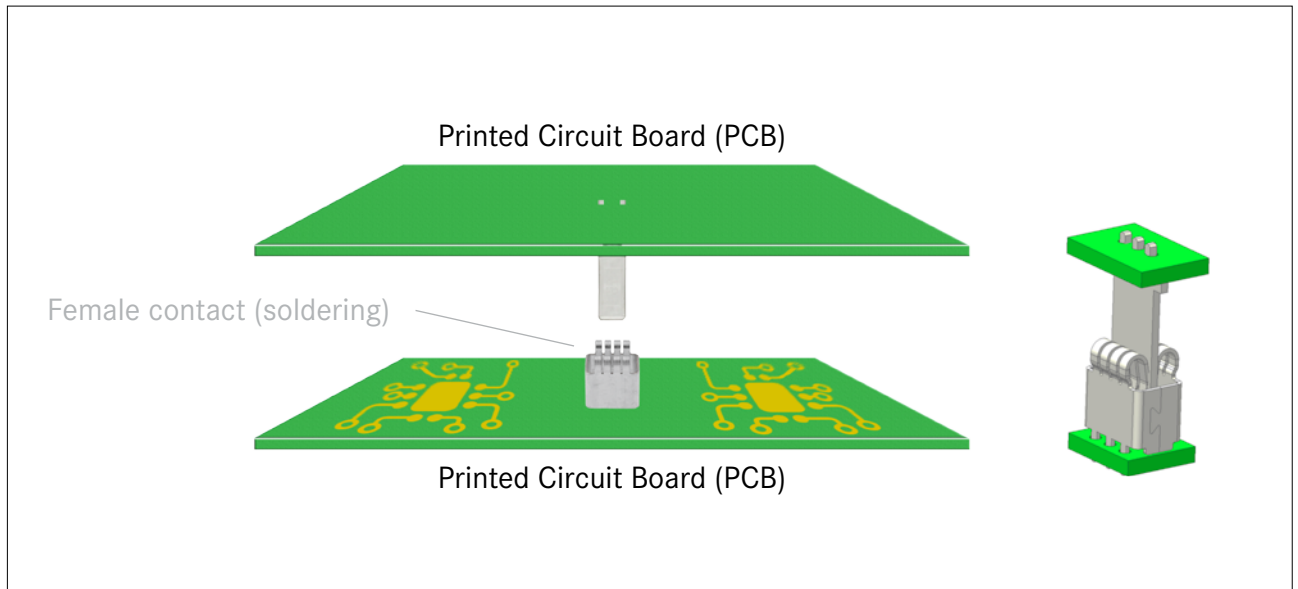
USE CASES	2
P03BS00092	4
P03BS00107	5
P01BS00118	6
P01BS00119	7
P03BS0011101	8
P03BS0011102	9



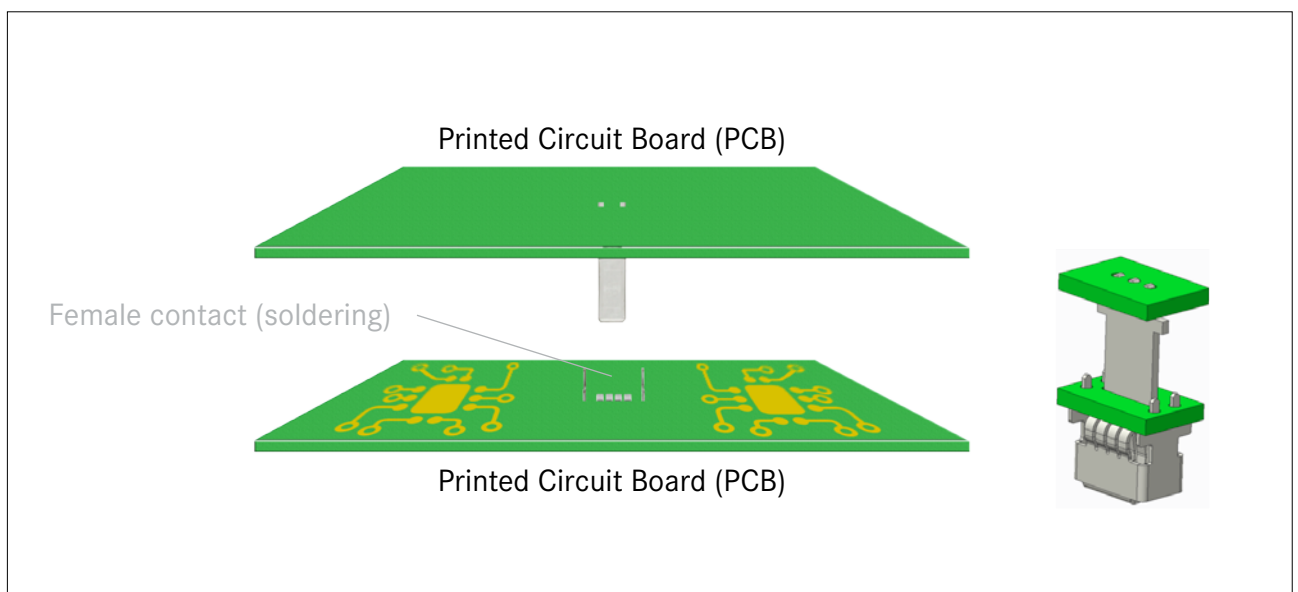
Female contact **above** PCB.



Female contact **under** PCB.



Female contact **above** PCB.



Female contact **under** PCB.

MECHANICAL

Durability	> 50 mating cycles
Insertion force	< 35N
Pullout force	> 5N
Matching male contact	8.0 x 1.0mm
Connection type	Soldering

ELECTRICAL

Rated current	80A
Contact resistance	≤ 1.0mΩ
Temperature rise	≤ 55K

ENVIRONMENTAL

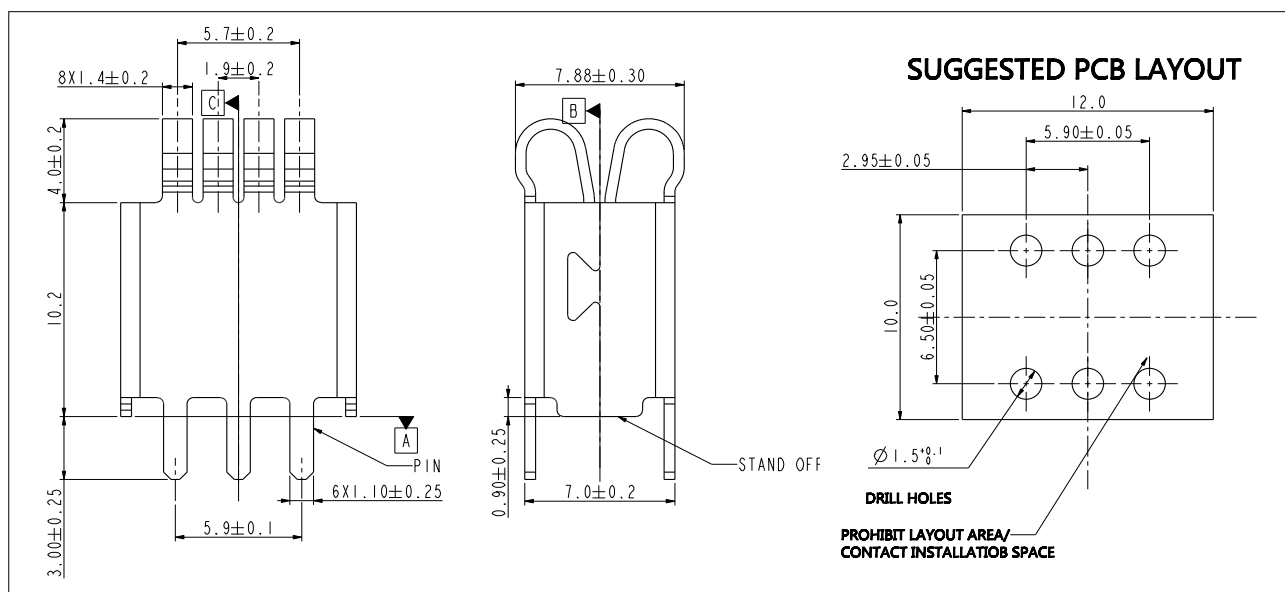
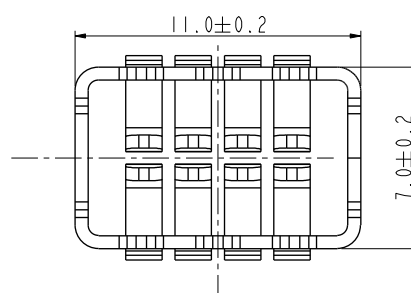
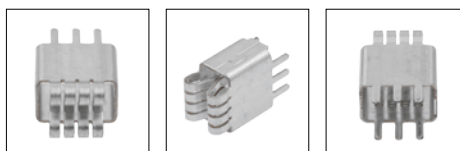
Operating temperature	-40°C to 125°C
Ambient temperature	-40°C to 70°C
RoHS	Yes

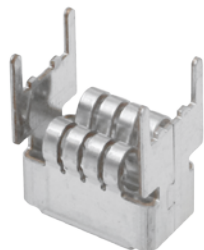
MATERIAL

Contact	Copper alloy
Plating	Tin

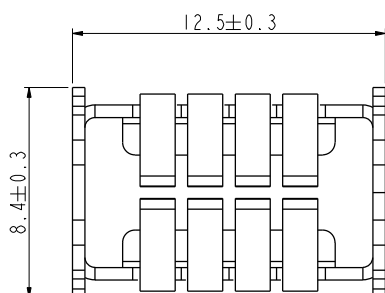
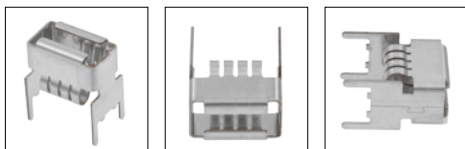


Bulk purchase: **180** units per pack





Bulk purchase: **200** units per pack



MECHANICAL

Durability	> 50 mating cycles
Insertion force	< 35N
Pullout force	> 5N
Matching male contact	8.0 x 1.0mm
Connection type	Soldering

ELECTRICAL

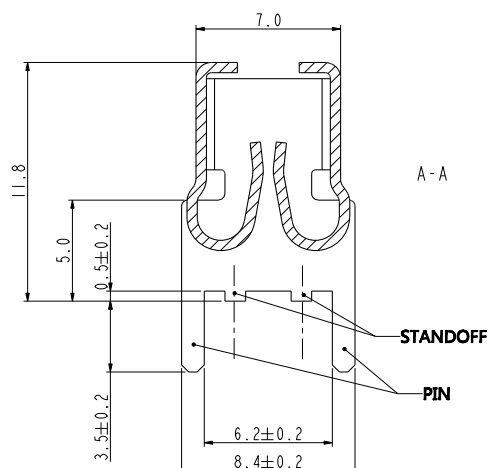
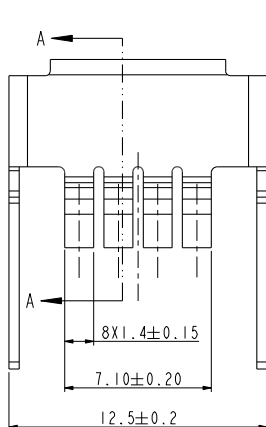
Rated current	80A
Contact resistance	≤ 1.0mΩ
Temperature rise	≤ 55K

ENVIRONMENTAL

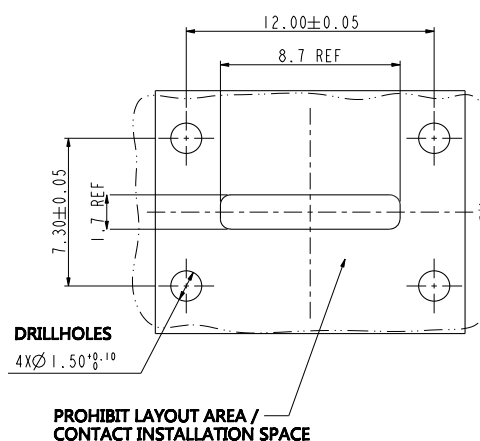
Operating temperature	-40°C to 125°C
Ambient temperature	-40°C to 70°C
RoHS	Yes

MATERIAL

Contact	Copper alloy
Plating	Tin



SUGGESTED PCB LAYOUT



MECHANICAL

Durability	> 50 mating cycles
Insertion force	< 35N
Pullout force	> 5N
Matching male contact	8.0 x 0.8mm
Connection type	Soldering

ELCTRICAL

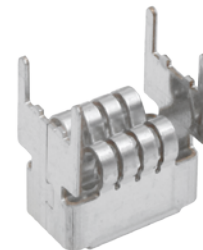
Rated current	80A
Contact resistance	$\leq 1.0\text{m}\Omega$
Temperature rise	$\leq 55\text{K}$

ENVIRONMENTAL

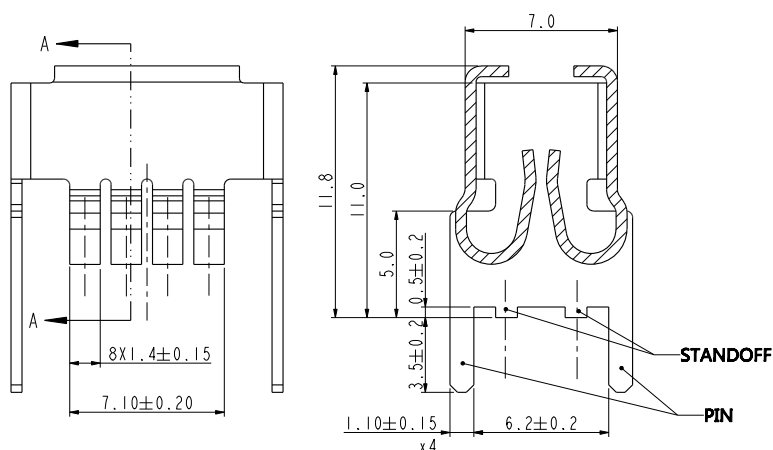
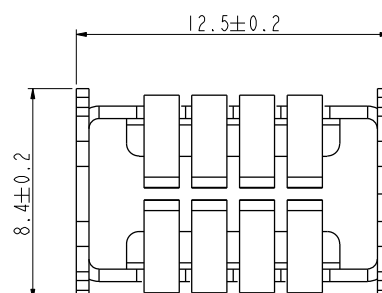
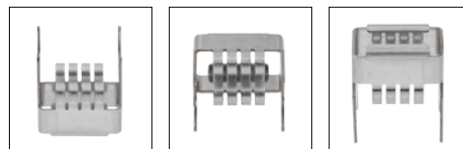
Operating temperature	-40°C to 125°C
Ambient temperature	-40°C to 70°C
RoHS	Yes

MATERIAL

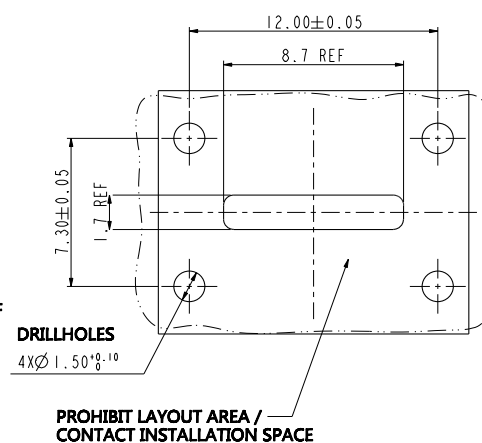
Contact	Copper alloy
Plating	Tin

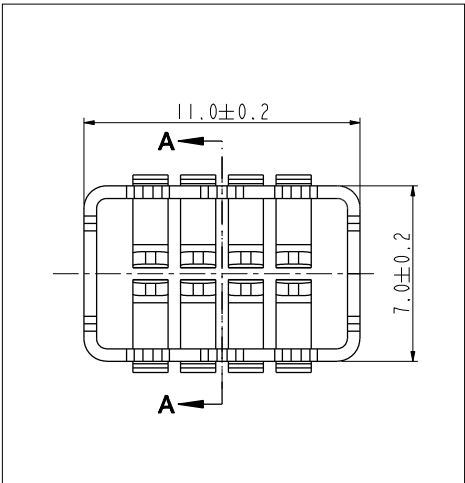


Bulk purchase: **200** units per pack



SUGGESTED PCB LAYOUT



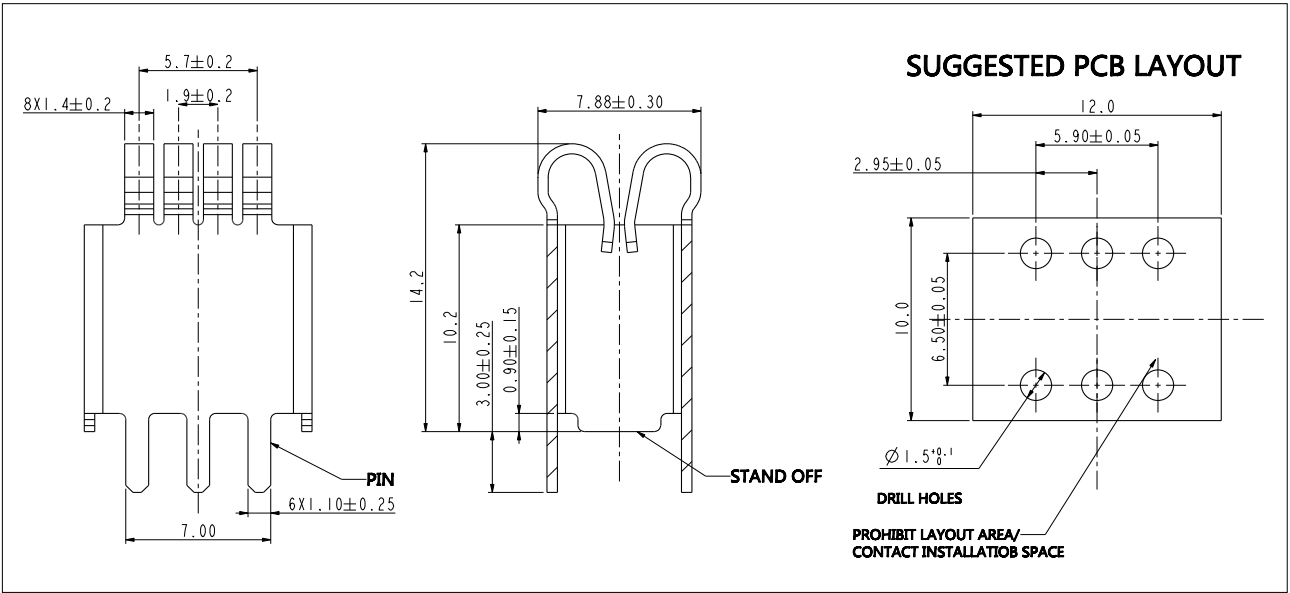


MECHANICAL	
Durability	> 50 mating cycles
Insertion force	< 35N
Pullout force	> 5N
Matching male contact	8.0 x 0.8mm
Connection type	Soldering

ELCTRICAL	
Rated current	80A
Contact resistance	≤ 1.0mΩ
Temperature rise	≤ 55K

ENVIRONMENTAL	
Operating temperature	-40°C to 125°C
Ambient temperature	-40°C to 70°C
RoHS	Yes

MATERIAL	
Contact	Copper alloy
Plating	Tin

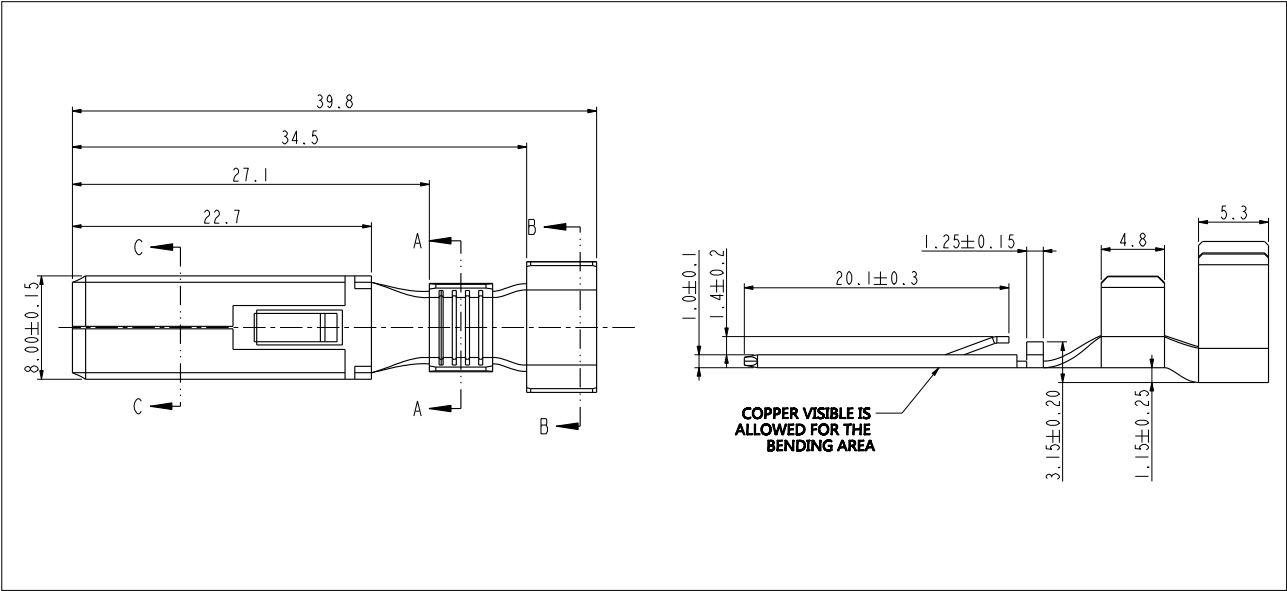
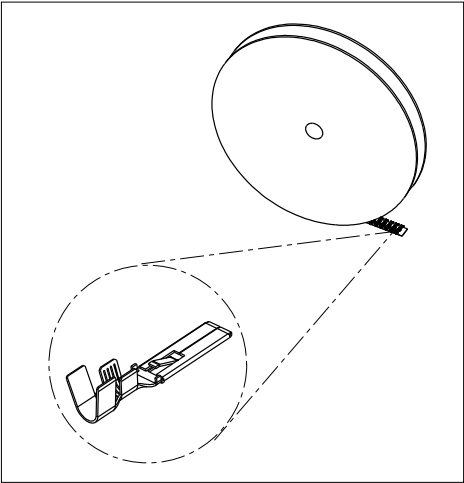


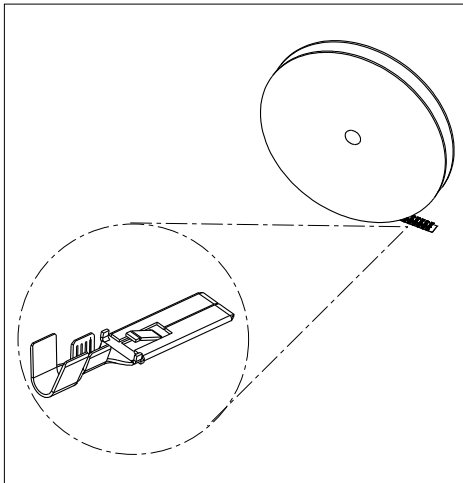
MECHANICAL	
Durability	> 50 mating cycles
Insertion force	< 35N
Pullout force	> 5N
Connection type	Crimping

ELCTRICAL	
Rated current	40A (10mm ²)
Temperature rise	≤ 55K

ENVIRONMENTAL	
Operating temperature	-40°C to 125°C
Ambient temperature	-40°C to 70°C
RoHS	Yes

MATERIAL	
Contact	Copper alloy
Plating	Tin





MECHANICAL

Durability	> 50 mating cycles
Insertion force	< 35N
Pullout force	> 5N
Connection type	Crimping

ELCTRICAL

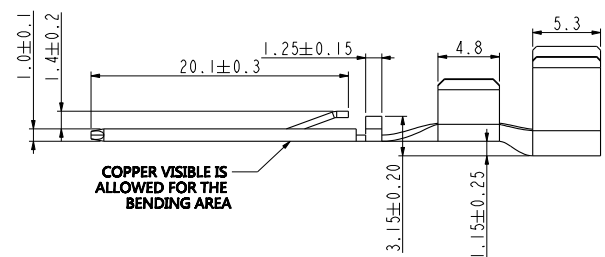
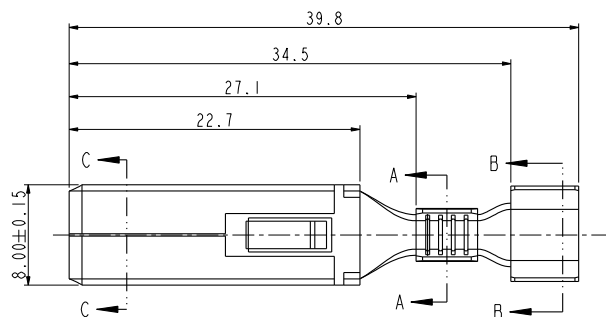
Rated current	30A (4mm ²)
Temperature rise	≤ 55K

ENVIRONMENTAL

Operating temperature	-40°C to 125°C
Ambient temperature	-40°C to 70°C
RoHS	Yes

MATERIAL

Contact	Copper alloy
Plating	Tin



Amphenol PCD Shenzhen

Building 21
1st Liao Keng Industrial Zone
Shi Yan Street, Bao An District Shenzhen 518108
China

Tel.: +86 755-8173-8000
Fax: +86 755-8173-8180
Email: inquiry@amphenolpcd.com.cn

www.amphenolpcd.com.cn

Notes:

Amphenol PCD Shenzhen has made every effort to ensure that the information contained in this catalog is accurate at the time of publication. Specifications or information stated in this publication are subject to change without notice.

Amphenol PCD Shenzhen reserves the right to clarify this catalog.