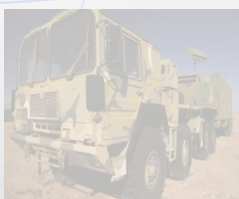
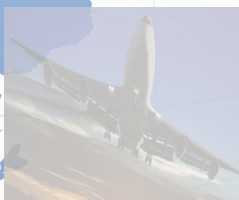
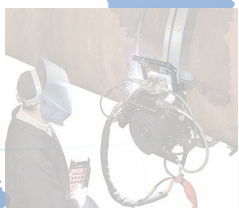


Amphenol

HARSH ENVIRONMENT SOLUTIONS DIVISION



RT360 Series

Amphenol Transportation



































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














RTS 系列胶芯排布

RTS Insert Arrangements

RTS				
	16# Contacts (1.6mm)13A	Mixed Power & Signal	Contacts (2.5mm) 23A	20 # Contacts (1.0mm) 5A (Stamped cont.) 7.5A (Machined cont.)
SHELL 8	N/A	N/A	N/A	 8-3  8-4 7A 250V AC/DC
SHELL 10	 10-3  10-4 500V AC/DC	 10-2 16# (13A) & 20# (5A) 500V AC/DC  10-3W3 16# (13A) & 20# (5A) 500V AC/DC	N/A	 10-6 250V AC/DC
SHELL 12	 12-3 600V AC/DC  12-4 500V AC/DC  12-8	 12-2 2.5mm (23A) & 20# (5A) 500V AC/DC	N/A	 12-E8  12-10 250V AC/DC
SHELL 14	 14-7  14-8  14-12 500V AC/DC	 14-2 2.5mm (23A) & 16# (13A) 500V AC/DC  14-3 8# (45A) 600V AC/DC  14-E12  14-15 16# (13A) & 20# (7.5A) 250V AC/DC	 14-4 500V AC/DC	 14-19 250V AC/DC
SHELL 16	 16-19 500V AC/DC	 16-4 8# (45A) 600V AC/DC  16-09 2.5mm (23A) & 16# (13A) 500V AC/DC	N/A	 16-26 250V AC/DC
SHELL 18	 18-23 500V AC/DC	 18-103 16# (13A) & RF# (1A) 500V AC/DC  18-2 8# (56A) 600V AC/800V DC  18-4 8# (56A) 600V AC/800V DC	 18-8 500V AC/DC	 18-32 250V AC/DC

FLS 系列胶芯排布

FLS Insert Arrangements

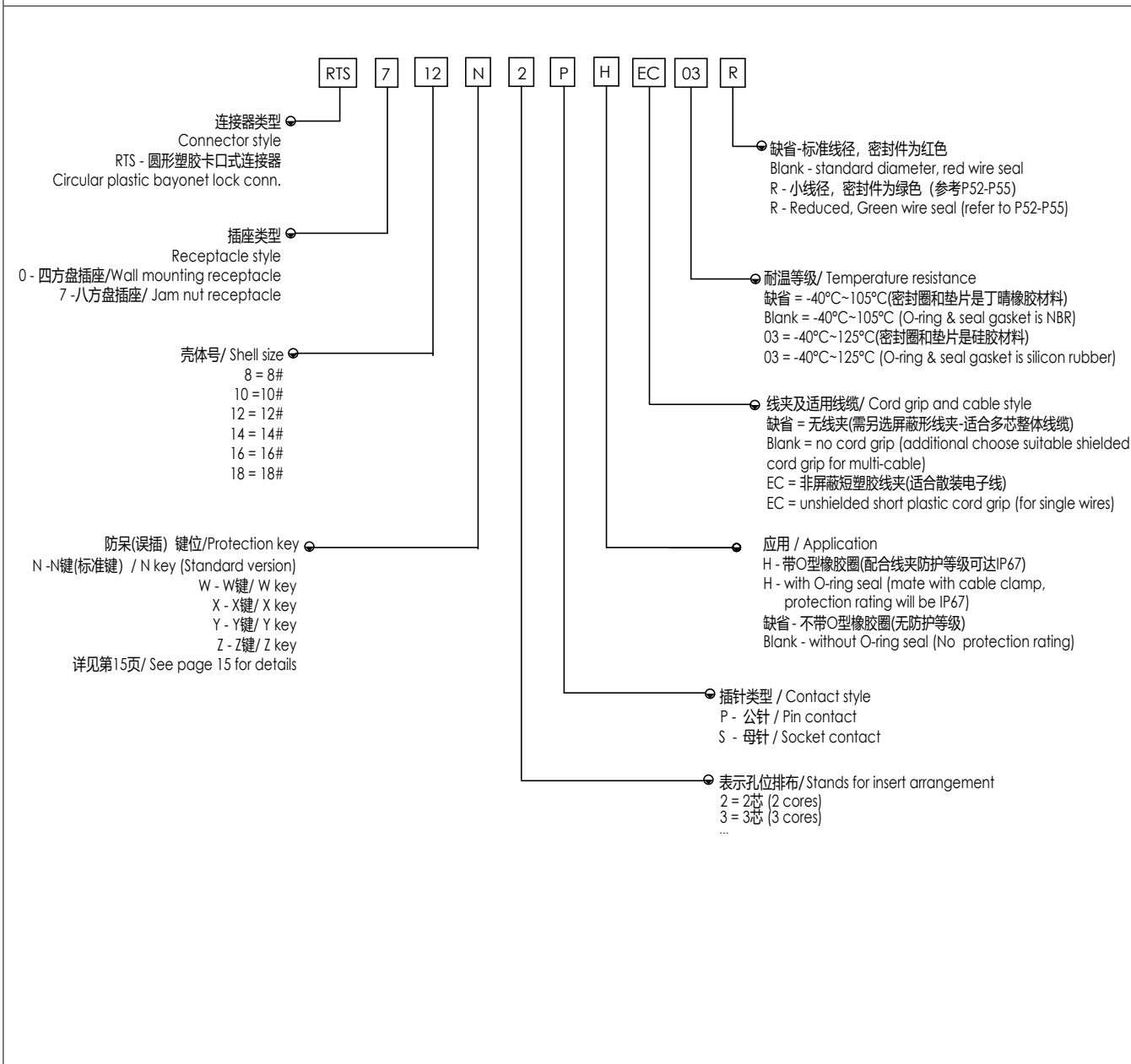
FLS				
	16# Contacts (1.6mm)13A	Mixed Power & Signal	Contacts (2.5mm) 23A	20 # Contacts (1.0mm) 5A (Stamped cont.) 7.5A (Machined cont.)
SHELL 10	 10-3  10-4 500V AC/DC	 10-2 16# (13A) & 20# (5A) 500V AC/DC  10-3W3 16# (13A) & 20# (5A) 500V AC/DC	N/A	 10-6 250V AC/DC
SHELL 12	 12-3 600V AC/DC  12-4 500V AC/DC  12-8	 12-2 2.5mm (23A) & 20# (5A) 500V AC/DC	N/A	 12-E8  12-10 250V AC/DC
SHELL 14	 14-7  14-8  14-12 500V AC/DC	 14-2 2.5mm (23A) & 16# (13A) 500V AC/DC  14-3 8# (45A) 600V AC/DC  14-E12  14-15 16# (13A) & 20# (5A) 250V AC/DC	 14-4 500V AC/DC	 14-19 250V AC/DC

RTS 系列插座 - 料号编码

RTS PART NUMBER SEQUENCE - RECEPTACLES

举例：RTS714N2P, RTS系列, 八方盘插座, 14号壳体, 标准N键位, 2芯配公端子, 防水IP67& IP69k。

Example: RTS714N2P RTS series, jum nut receptacle, #14 shell, N key, 2 position with pin contact, protection grade IP67& IP69k.



注: 1.以上料号均不含端子, 垫圈等, 需另外选购。

2.具体产品规格型号详见P66-P86。

Note: 1.Above parts don't include contact & gasket etc. Please choose separately.

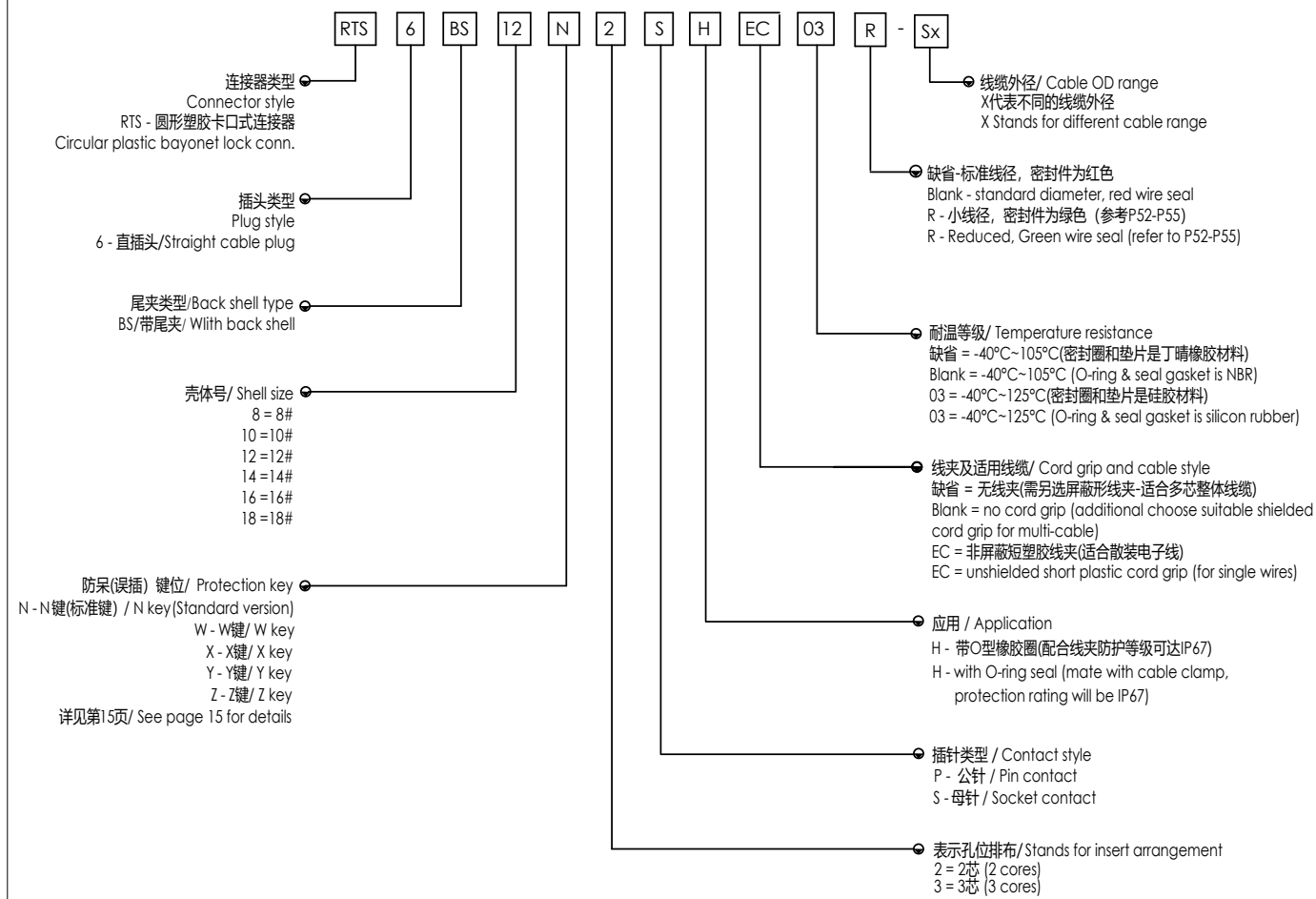
2.Please get the product specification from page 66 to 86

RTS 系列插头 - 料号编码

RTS PART NUMBER SEQUENCE - PLUGS

举例: RTS6BS14N2P-S1, RTS系列, 直头带尾夹插头, 14号壳体, 标准N键位, 2芯配公端子, 防水等级IP67& IP69k。

Example: RTS6BS14N2P-S1, RTS series, straight plug with back shell (cable range refer to S1), #14 shell, N key, 2 position with pin contact, protection grade IP67& IP69k.



注: 1.以上料号均不含端子, 需另外选购。

2.具体产品规格型号详见P66-P86。

Note: 1.Above parts don't include contact. Please choose separately.

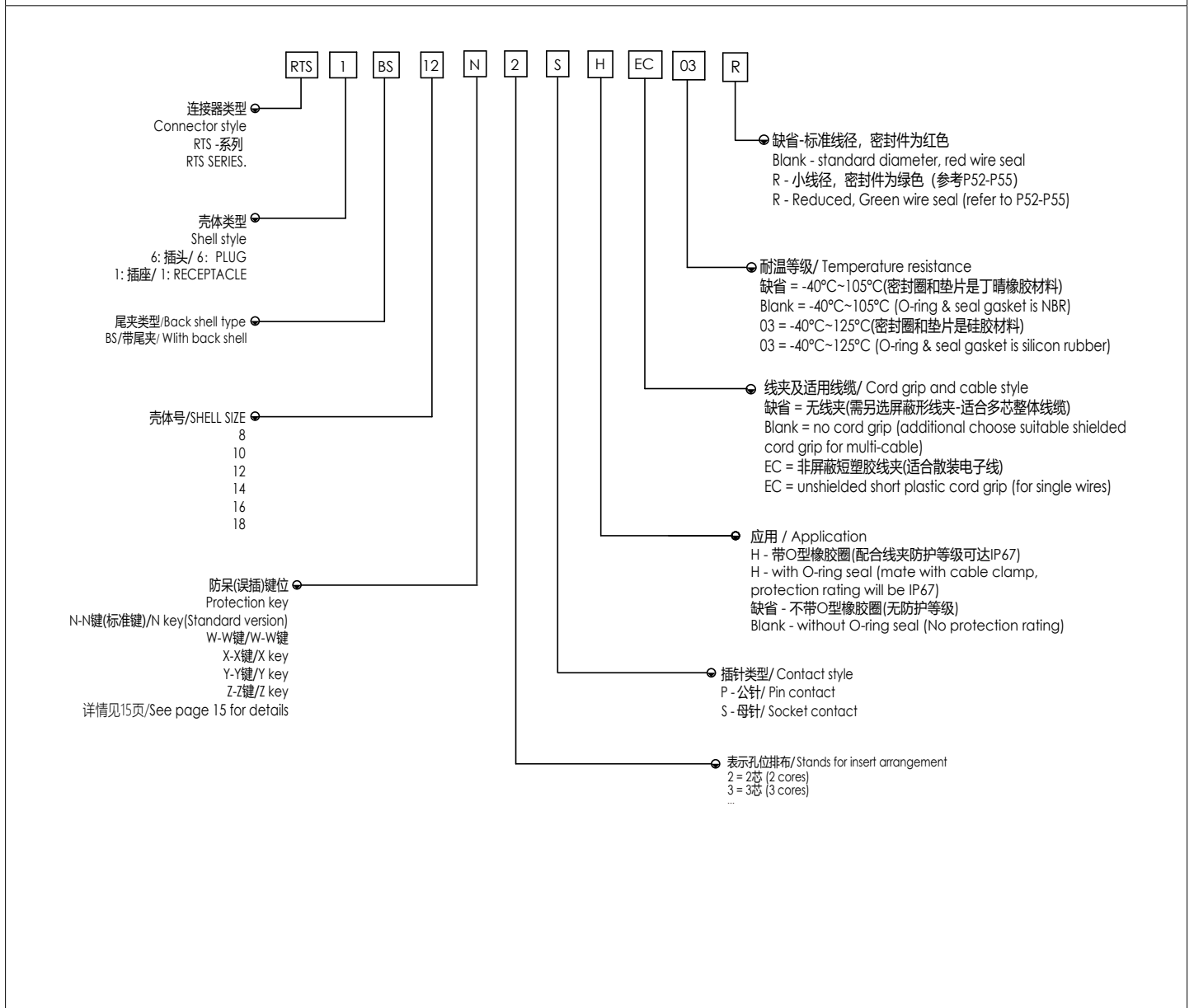
2.Please get the product specification from page 66 to 86.

RTS 线对线插座-料号编码

RTS RECEPTACLE, Wire to Wire - PART NUMBER

举例：RTS1BS10N2S03, RTS系列, 线对线插座, 10号壳体, 标准N键位, 2芯配母端子, 防水IP67& IP69k。

Example: RTS1BS10N2S03 RTS series, In-line receptacle, #10 shell, N key, 2 position with socket contact, protection grade IP67& IP69k.



注: 1.以上料号均不含端子, 垫圈等, 需另外选购。

2.具体产品规格型号详见P66-P86。

Note: 1.Above parts don't include contact & gasket etc. Please choose separately.

2.Please get the product specification from page 66 to 86.

RT/RTS/FLS/RTOW/AEM 系列的端子-料号编码

RT/RTS/FLS/RTOW/AEM PART NUMBER SEQUENCE - CONTACT OPTIONS

机加工和冲压端子

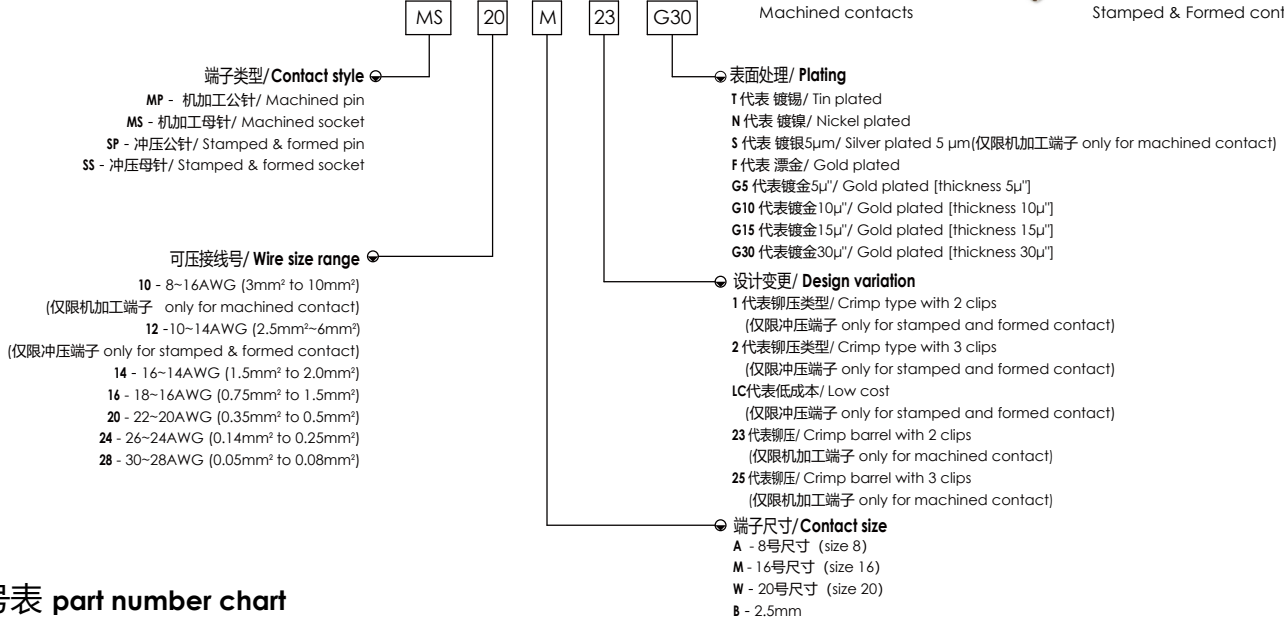
Machined/ Stamped & Formed contacts



机加工端子
Machined contacts



冲压端子
Stamped & Formed contacts



料号表 part number chart

端子尺寸/电流 Contact size/Current	线号 Wire Range		公针号码 Pin P/N	母针号码 Socket P/N	公针号码 Pin P/N	母针号码 Socket P/N
	AWG	mm ²				
8# (45A)	12-10	3-6	MP10A23x (目前仅用于1604)	MS10A23x (目前仅用于1403 带EC结构 及1604)	N/A	N/A
			MP10A23xL (目前仅用于1403 带EC结构)		N/A	N/A
	16-14	1.5~2.5	MP10A23x-25 (目前仅用于1403 不带EC结构)	MS10A23x-25 (目前仅用于1403 不带EC结构)	N/A	N/A
			MP10A23x-63 (目前仅用于1403 不带EC结构)	MS10A23x-25W (目前仅用于1403带EC结构)	N/A	N/A
8# (56A)	12-10	4~6	MP10A23x-63 (目前仅用于1403 不带EC结构)	MS10A23x-63 (目前仅用于1403 不带EC结构)	N/A	N/A
	8	10	MP10A23x-10 (目前仅用于1403 不带EC结构)	MS10A23x-63W (目前仅用于1403带EC结构)	N/A	N/A
2.5mm (35A)	10~8	6~10	MP10A25x-8A	MS10A25x-8A	N/A	N/A
	14~12	4	MP10A25x-12A (适用于1802 带R结构)	MS10A25x-12A (适用于1802 带R结构)	N/A	N/A
2.5mm (25A)	N/A	4	N/A	N/A	SP12A1x-10	SS12A1x-10
2.5mm (23A)	14-12	2.5~3.5	N/A	N/A	SP12A1x	SS12A1x
16# (13A) 2 clips 二卡爪	16-14	1.5-2.0	MP14M23x	MS14M23x	SP14M1x	SS14M1x
	18-16	0.75-1.5	MP16M23x	MS16M23x	SP16M1x	SS16M1x
	22-20	0.34-0.50	MP20M23x	MS20M23x	SP20M1x	SS20M1x
	26-24	0.14-0.25	MP24M23x	MS24M23x	SP24M1x	SS24M1x
16# (13A) 3 clips 三卡爪	16-14	1.5-2.0	/	/	SP14M2x	SS14M2x
	18-16	0.75-1.5	/	/	SP16M2x	SS16M2x
	22-20	0.34-0.50	/	/	SP20M2x	SS20M2x
	26-24	0.14-0.25	/	/	SP24M2x	SS24M2x
20# (machined 7.5A) (stamped 5A) 2 clips 二卡爪	22-20	0.34-0.50	MP20W23x	MS20W23x	SP20W1x	SS20W1x
	26-24	0.13-0.25	MP24W23x	MS24W23x	SP24W1x	SS24W1x
	30-28	0.05-0.08	MP28W23x	MS28W23x	SP28W1x	SS28W1x
20# (stamped 5A) 3 clips 三卡爪	22-20	0.34-0.50	/	/	SP20W2x	SS20W2x
	26-24	0.13-0.25	/	/	SP20WLCN	SS20WLCN
			/	/	SP24W2x	SS24W2x
	30-28	0.05-0.08	/	/	SP24WLCN	SS24WLCN
/			/	SP28W2x	SS28W2x	
12# (26A)	16	1.5	SK63NA	SK62A	N/A	N/A
	14	2.5	SK65NA	SK64A	N/A	N/A

x 代表可选的表面处理, 请咨询销售代表。

x Stands for the alternate finishes. Please consult sales representative.

冲压端子-三卡爪端子 (升级版)

Stamped & Formed contacts with 3 Clips

特性:

- 1, 三个卡爪提升端子居中性
- 2, 对配更加顺畅
- 3, 保持力更大, 满足美军标MIL-26482的要求

Characters:

- 1, 3 Clips could improve the centrality of contacts.
- 2, It will be easier while match plug and receptacle.
- 3, Retentivity will be better, and meet the standard of MIL-26482.



三卡爪端子/3 clips

端子尺寸/电流 Contact size/Current	线号 Wire Range		公针号码 Pin P/N	产品图 Pictures
	AWG	mm ²		
16# (13A) 3 clips 三卡爪	16-14	2.0-2.5	SP14M2x	
	18-16	0.75-1.5	SP16M2x	
	22-20	0.34-0.50	SP20M2x	
	26-24	0.14-0.25	SP24M2x	
20# (stamped 5A) 3 clips 三卡爪	22-20	0.34-0.50	SP20W2x SP20WLCN	
	26-24	0.13-0.25	SP24W2x SP24WLCN	
	30-28	0.05-0.08	SP28W2x SP28WLCN	

端子尺寸/电流 Contact size/Current	线号 Wire Range		母针号码 Socket P/N	产品图 Pictures
	AWG	mm ²		
16# (13A) 3 clips 三卡爪	16-14	2.0-2.5	SS14M2x	
	18-16	0.75-1.5	SS16M2x	
	22-20	0.34-0.50	SS20M2x	
	26-24	0.14-0.25	SS24M2x	
20# (stamped 5A) 3 clips 三卡爪	22-20	0.34-0.50	SS20W2x SS20WLCN	
	26-24	0.13-0.25	SS24W2x SS24WLCN	
	30-28	0.05-0.08	SS28W2x SS28WLCN	

RTS 插头(适配母端子) - 8号壳体
 Plug (match with socket contact) - Shell size 8

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS8*3S-Sx	20#			产品已含端子 线缆外径: S1: 1.5 ~ 5.0 mm S2: 2.5 ~ 6.5 mm
RTS6BS8*4S-Sx				

RTS 插座(适配公端子) - 8号壳体
 Receptacle (match with pin contact) - Shell size 8

插座料号 Receptacle part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS08*3P	20#			产品已含端子 配套垫片: RTFD08B & RTFD08B1, 请参考 P100
RTS08*4P				
RTS78*3P				
RTS78*4P				
RTS1BS8*3P	20#			产品已含端子
RTS1BS8*4P				
RTS1BS8*3P	20#			线对线方案 产品已含端子 线缆外径: S1: 1.5 ~ 5.0 mm S2: 2.5 ~ 6.5 mm
RTS1BS8*4P				

* 代表可选键位 N。
 * stands for key N.

RTS 插头(适配公端子) - 8号壳体
 Plug (match with pin contact) - Shell size 8

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS8*3P-Sx	20#			产品已含端子 线缆外径 S1: 1.5 ~ 5.0 mm S2: 2.5 ~ 6.5 mm
RTS6BS8*4P-Sx				

RTS 插座(适配母端子) - 8号壳体
 Receptacle (match with socket contact) - Shell size 8

插座料号 Receptacle part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS08*3S	20#			产品已含端子 配套垫片: RTFD08B & RTFD08B1, 请参考 P100
RTS08*4S				
RTS78*3S				产品已含端子
RTS78*4S				
RTS1BS8*3S				
RTS1BS8*4S				

* 代表可选键位 N。
 * stands for key N.

RTS 插头(适配母端子) - 10号壳体
 Plug (match with socket contact) - Shell size 10

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS10*2S-Sx	16# & 20#			线缆外径 S1: 4.0 ~ 6.5 mm S2: 5.0 ~ 8.8 mm
RTS6BS10*3S-Sx	16#			
RTS6BS10*4S-Sx	16#			
RTS6BS10*6S-Sx	20#			
RTS6BS10*3W3S-Sx	16# & 20#			
RTS6BS10*2SHEC(03)	16# & 20#			16#: 绝缘 ODΦ1.8~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS6BS10*4SHEC(03)	16#			
RTS6BS10*6SHEC(03)	20#			

RTS 插头(适配公端子) - 10号壳体
 Plug (match with pin contact) - Shell size 10

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS10*2P-Sx	16# & 20#			线缆外径: S1: 4.0 ~ 6.5 mm S2: 5.0 ~ 8.8 mm
RTS6BS10*3P-Sx	16#			
RTS6BS10*4P-Sx	16#			
RTS6BS10*6P-Sx	20#			
RTS6BS10*3W3P-Sx	16# & 20#			
RTS6BS10*2PHEC(03)	16# & 20#			16#: 绝缘 ODΦ1.8~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS6BS10*4PHEC(03)	16#			
RTS6BS10*6PHEC(03)	20#			

* 代表可选键位 N。
 * stands for key N.

RTS 插座(适配公端子) - 10号壳体
 Receptacle (match with pin contact) - Shell size 10

插座料号 Receptacle part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS010*2P(03)	16# & 20#			配套垫片: RTFD10B & RTFD10B1, 请参考 P100
RTS010*3P(03)	16#			
RTS010*4P(03)	16#			
RTS010*6P(03)	20#			
RTS010*3W3P(03)	16# & 20#			
RTS010*2PHEC(03)	16# & 20#			16#: 绝缘 OD Φ 1.8~2.7mm 20#: 绝缘 OD Φ 1.4~2.1mm 配套垫片: RTFD10B & RTFD10B1 请参考 P100
RTS010*4PHEC(03)	16#			
RTS010*6PHEC(03)	20#			
RTS710*2P(03)	16# & 20#			N/A
RTS710*3P(03)	16#			
RTS710*4P(03)	16#			
RTS710*6P(03)	20#			
RTS710*3W3P(03)	16# & 20#			
RTS710*2PHEC(03)	16# & 20#			16#: 绝缘 OD Φ 1.8~2.7mm 20#: 绝缘 OD Φ 1.4~2.1mm
RTS710*4PHEC(03)	16#			
RTS710*6PHEC(03)	20#			
RTS1BS10*2P(03)	16# & 20#			线对线方案 线缆外径: S1:4.0 ~ 6.5 mm S2:5.0 ~ 8.8 mm
RTS1BS10*3P(03)	16#			
RTS1BS10*4P(03)	16#			
RTS1BS10*6P(03)	20#			
RTS1BS10*3W3P(03)	16# & 20#			
RTS1BS10*2PHEC(03)	16# & 20#			线对线方案 16#: 绝缘 OD Φ 1.8~2.7mm 20#: 绝缘 OD Φ 1.4~2.1mm
RTS1BS10*4PHEC(03)	16#			
RTS1BS10*6PHEC(03)	20#			

* 代表可选键位 N.
 * stands for key N.

RTS 插头(适配母端子) - 12号壳体
 Plug (match with socket contact) - Shell size 12

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS12x2S(03)-Sx	2.5mm & 20#			线缆外径: S1: 6.0 ~ 9.0 mm S2: 8.5 ~ 12.0 mm
RTS6BS12x3S(03)-Sx	16#			
RTS6BS12x4S(03)-Sx	16#			
RTS6BS12x8S(03)-Sx	16#			
RTS6BS12xE8S(03)-Sx	20#			
RTS6BS12x10S(03)-Sx	20#			
RTS6BS12x2SHEC(03)	2.5mm & 20#			2.5mm: 绝缘 ODΦ3.3~4.3mm 16#: 绝缘 ODΦ1.6~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS6BS12x3SHEC(03)	16#			
RTS6BS12x8SHEC(03)	16#			
RTS6BS12xE8SHEC(03)	20#			
RTS6BS12x10SHEC(03)	20#			

RTS 插头(适配公端子) - 12号壳体
 Plug (match with pin contact) - Shell size 12

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS12x2P(03)-Sx	2.5mm & 20#			线缆外径: S1: 6.0 ~ 9.0 mm S2: 8.5 ~ 12.0 mm
RTS6BS12x3P(03)-Sx	16#			
RTS6BS12x4P(03)-Sx	16#			
RTS6BS12x8P(03)-Sx	16#			
RTS6BS12xE8P(03)-Sx	20#			
RTS6BS12x10P(03)-Sx	20#			
RTS6BS12x2PHEC(03)	2.5mm & 20#			2.5mm: 绝缘 ODΦ3.3~4.3mm 16#: 绝缘 ODΦ1.6~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS6BS12x3PHEC(03)	16#			
RTS6BS12x8PHEC(03)	16#			
RTS6BS12xE8PHEC(03)	20#			
RTS6BS12x10PHEC(03)	20#			

x 代表可选键位 N、X、Y。
 x stands for key N、X、Y.

RTS 插座(适配母端子) - 12号壳体
 Receptacle (match with socket contact) - Shell size 12

插座料号 Receptacle part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS012x2S(03)	2.5mm & 20#			配套垫片: RTFD12B & RTFD12B1, 请参考 P100
RTS012x3S(03)	16#			
RTS012x4S(03)	16#			
RTS012x8S(03)	16#			
RTS012xE8S(03)	20#			
RTS012x10S(03)	20#			
RTS012x2SHEC(03)	2.5mm & 20#			2.5mm: 绝缘 ODΦ3.3~4.3mm 20#: 绝缘 ODΦ1.4~2.1mm 16# 绝缘 ODΦ1.6~2.7mm 配套垫片: RTFD12B & RTFD12B1, 请参考 P100
RTS012x3SHEC(03)	16#			
RTS012x8SHEC(03)	16#			
RTS012xE8SHEC(03)	20#			
RTS012x10SHEC(03)	20#			
RTS712*2S(03)	2.5mm & 20#			N/A
RTS712*3S(03)	16#			
RTS712*4S(03)	16#			
RTS712*8S(03)	16#			
RTS712*E8S(03)	20#			
RTS712*10S(03)	20#			
RTS1BS12*2S(03)	2.5mm & 20#			线对线方案 线缆外径: S1: 6.0 ~ 9.0 mm S2: 8.5 ~ 12.0 mm
RTS1BS12*3S(03)	16#			
RTS1BS12*4S(03)	16#			
RTS1BS12*8S(03)	16#			
RTS1BS12*E8S(03)	20#			
RTS1BS12*10S(03)	20#			
RTS1BS12*2SHEC(03)	2.5mm & 20#			线对线方案 2.5mm: 绝缘 ODΦ3.3~4.3mm 20#: 绝缘 ODΦ1.4~2.1mm 16#: 绝缘 ODΦ1.6~2.7mm
RTS1BS12*3SHEC(03)	16#			
RTS1BS12*8SHEC(03)	16#			
RTS1BS12*E8SHEC(03)	20#			
RTS1BS12*10SHEC(03)	20#			

* 代表可选键位 N。 * Stands for key N.
 x 代表可选键位N、X、Y、Z。 x Stands for key N、X、Y、Z.

RTS 插头(适配母端子) - 14号壳体

Plug (match with socket contact) - Shell size 14

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS14*2S(03)-Sx	2.5mm & 16#			线缆外径: S1: 6.0 ~ 12.0 mm S2: 9.0 ~ 14.0 mm
RTS6BS14*3S(03)-Sx	8# 特殊端子			
RTS6BS14*4S(03)-Sx	2.5mm			
RTS6BS14*7S(03)-Sx	16#			
RTS6BS14*8S(03)-Sx	16#			
RTS6BS14*12S(03)-Sx	16#			
RTS6BS14*E12S(03)-Sx	16# & 20#			
RTS6BS14*15S(03)-Sx	16# & 20#			
RTS6BS14*19S(03)-Sx	20#			
RTS6BS14*2SHEC(03)	2.5mm & 16#			2.5mm: 绝缘 ODΦ3.3~4.3mm 8#: 绝缘 ODΦ2.8~5.8mm 8Pos: 16#: 绝缘 ODΦ2.0~2.7mm 16#: 绝缘 ODΦ2.0~2.6mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS6BS14*3SHEC(03)	8# 特殊端子			
RTS6BS14*4SHEC(03)	2.5mm			
RTS6BS14*8SHEC(03)	16#			
RTS6BS14*12SHEC(03)	16#			
RTS6BS14*E12SHEC(03)	16# & 20#			
RTS6BS14*15SHEC(03)	16# & 20#			
RTS6BS14*19SHEC(03)	20#			

RTS 插头(适配公端子) - 14号壳体

Plug (match with pin contact) - Shell size 14

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS14*2P(03)-Sx	2.5mm & 16#			线缆外径: S1: 6.0 ~ 12.0 mm S2: 9.0 ~ 14.0 mm
RTS6BS14*3P(03)-Sx	8# 特殊端子			
RTS6BS14*4P(03)-Sx	2.5mm			
RTS6BS14*7P(03)-Sx	16#			
RTS6BS14*8P(03)-Sx	16#			
RTS6BS14*12P(03)-Sx	16#			
RTS6BS14*E12P(03)-Sx	16# & 20#			
RTS6BS14*15P(03)-Sx	16# & 20#			
RTS6BS14*19P(03)-Sx	20#			
RTS6BS14*2PHEC03	2.5mm & 16#			2.5mm: 绝缘 ODΦ3.3~4.3mm 8Pos: 16#: 绝缘 ODΦ2.0~2.7mm 16#: 绝缘 ODΦ2.0~2.6mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS6BS14*3PHEC03	8# 特殊端子			
RTS6BS14*4PHEC03	2.5mm			
RTS6BS14*8PHEC03	16#			
RTS6BS14*12PHEC03	16#			
RTS6BS14*E12PHEC03	16# & 20#			
RTS6BS14*15PHEC03	16# & 20#			
RTS6BS14*19PHEC03	20#			

* 代表可选键位 N/W/X/Y/Z.

* stands for key N/W/X/Y/Z.

RTS 插头(适配母端子) - 16号壳体
 Plug (match with socket contact) - Shell size 16

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS16*4S(03)-Sx	8# 特殊端子			线缆外径: S1: 10.0 ~ 14.0 mm S2: 13.5 ~ 17.0 mm
RTS6BS16*09S(03)-Sx	2.5mm & 16#			
RTS6BS16*19S(03)-Sx	16#			
RTS6BS16*26S(03)-Sx	20#			
RTS6BS16*4SHEC(03)	8# 特殊端子			2.5mm: 绝缘 ODΦ3.3~4.3mm 8#: 绝缘 ODΦ2.8~5.8mm 16#: 绝缘 ODΦ1.6~2.6mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS6BS16*09SHEC(03)	2.5mm & 16#			
RTS6BS16*19SHEC(03)	16#			
RTS6BS16*26SHEC(03)	20#			

RTS 插头(适配公端子) - 16号壳体
 Plug (match with pin contact) - Shell size 16

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS16*4P(03)-Sx	8# 特殊端子			线缆外径: S1: 10.0 ~ 14.0 mm S2: 13.5 ~ 17.0 mm
RTS6BS16*09P(03)-Sx	2.5mm & 16#			
RTS6BS16*19P(03)-Sx	16#			
RTS6BS16*26P(03)-Sx	20#			
RTS6BS16*4PHEC(03)	8# 特殊端子			2.5mm: 绝缘 ODΦ3.3~4.3mm 8#: 绝缘 ODΦ2.8~5.8mm 16#: 绝缘 ODΦ1.6~2.6mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS6BS16*09PHEC(03)	2.5mm & 16#			
RTS6BS16*19PHEC(03)	16#			
RTS6BS16*26PHEC(03)	20#			

* 代表可选键位 N、W、X、Y、Z。

* stands for key N、W、X、Y、Z.

RTS 插座(适配母端子) - 16号壳体

Receptacle (match with socket contact) - Shell size 16

插座料号 Receptacle part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS016*4S(03)	8# 特殊端子			配套垫片: RTFD16B & RTFD16B1, 请参考 P100
RTS016*09S(03)	2.5mm & 16#			
RTS016*19S(03)	16#			
RTS016*26S(03)	20#			
RTS016*4SHEC(03)	8# 特殊端子			2.5mm: 绝缘 ODΦ3.3~4.3mm 8#: 绝缘 ODΦ2.8~5.8mm 16#: 绝缘 ODΦ1.6~2.6mm 20#: 绝缘 ODΦ1.4~2.1mm 配套垫片: RTFD16B & RTFD16B1 请参考 P100
RTS016*09SHEC(03)	2.5mm & 16#			
RTS016*19SHEC(03)	16#			
RTS016*26SHEC(03)	20#			
RTS716*4S(03)	8# 特殊端子			N/A
RTS716*09S(03)	2.5mm & 16#			
RTS716*19S(03)	16#			
RTS716*26S(03)	20#			
RTS1BS16*4S(03)	8# 特殊端子			线对线方案 线缆外径: S1: 10.0 ~ 14.0 mm S2: 13.5 ~ 17.0 mm
RTS1BS16*09S(03)	2.5mm & 16#			
RTS1BS16*19S(03)	16#			
RTS1BS16*26S(03)	20#			
RTS1BS16*4SHEC(03)	8# 特殊端子			线对线方案 2.5mm: 绝缘 ODΦ3.3~4.3mm 8#: 绝缘 ODΦ2.8~5.8mm 16#: 绝缘 ODΦ1.6~2.6mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS1BS16*09SHEC(03)	2.5mm & 16#			
RTS1BS16*19SHEC(03)	16#			
RTS1BS16*26SHEC(03)	20#			

* 代表可选键位 N。
* stands for key N.

RTS 插头(适配母端子) - 18号壳体
 Plug (match with socket contact) - Shell size 18

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS18*2S(03)-Sx	8#			线缆外径: S1: 10.0 ~ 16.0 mm S2: 12.0 ~ 18.0 mm
RTS6BS18*4S(03)-Sx	8#			
RTS6BS18X8S(03)-Sx	2.5mm			
RTS6BS18*103S(03)-Sx	16# & RF#			
RTS6BS18X23S(03)-Sx	16#			
RTS6BS18X32S(03)-Sx	20#			
RTS6BS18*2SHEC(03)	8#			2.5mm: 绝缘 ODΦ3.3~4.3mm 16#: 绝缘 ODΦ1.6~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS6BS18X4SHEC(03)	8#			
RTS6BS18X8SHEC(03)	2.5mm			
RTS6BS18X23SHEC(03)	16#			
RTS6BS18X32SHEC(03)	20#			

* 代表可选键位 N。
 * stands for key N.
 X 代表可选键位 N, X。
 * stands for key N, X.

RTS 插头(适配公端子) - 18号壳体
 Plug (match with pin contact) - Shell size 18

插头料号 Plug part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS18*2P(03)-Sx	8#			线缆外径 S1: 10.0 ~ 16.0 mm S2: 12.0 ~ 18.0 mm
RTS6BS18X4P(03)-Sx	8#			
RTS6BS18*8P(03)-Sx	2.5mm			
RTS6BS18*103P(03)-Sx	16# & RF#			
RTS6BS18X23P(03)-Sx	16#			
RTS6BS18X32P(03)-Sx	20#			
RTS6BS18*2PHEC(03)	8#			2.5mm: 绝缘 ODΦ3.3~4.3mm 16#: 绝缘 ODΦ1.6~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS6BS18*4PHEC(03)	8#			
RTS6BS18X8PHEC(03)	2.5mm			
RTS6BS18X23PHEC(03)	16#			
RTS6BS18X32PHEC(03)	20#			

* 代表可选键位 N。
 * stands for key N.
 X 代表可选键位 N、X。
 * stands for key N、X.

RTS 插座(适配公端子) - 18号壳体
 Receptacle (match with pin contact) - Shell size 18

插座料号 Receptacle part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS018*2P(03)	8#			配套垫片: RTFD18B & RTFD18B1, 请参考 P100
RTS018*4P(03)	8#			
RTS018*8P(03)	2.5mm			
RTS018*103P(03)	16# & RF#			
RTS018*23P(03)	16#			
RTS018*32P(03)	20#			2.5mm: 绝缘 ODΦ3.3~4.3mm 16#: 绝缘 ODΦ1.6~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm 配套垫片: RTFD18B & RTFD18B1 请参考 P100
RTS018*2PHEC(03)	8#			
RTS018*4PHEC(03)	8#			
RTS018*8PHEC(03)	2.5mm			
RTS018*23PHEC(03)	16#			
RTS018*32PHEC(03)	20#			N/A
RTS718*2P(03)	8#			
RTS718*4P(03)	8#			
RTS718*8P(03)	2.5mm			
RTS718*103P(03)	16# & RF#			
RTS718*23P(03)	16#			2.5mm: 绝缘 ODΦ3.3~4.3mm 16#: 绝缘 ODΦ1.6~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS718*32P(03)	20#			
RTS718*2PHEC(03)	8#			
RTS718*4PHEC(03)	8#			
RTS718*8PHEC(03)	2.5mm			
RTS718*23PHEC(03)	16#			2.5mm: 绝缘 ODΦ3.3~4.3mm 16#: 绝缘 ODΦ1.6~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS718*32PHEC(03)	20#			

* 代表可选键位 N。
 * stands for key N.

RTS 插座(适配公端子) - 18号壳体

Receptacle (match with pin contact) - Shell size 18

插座料号 Receptacle part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS1BS18*2P(03)	8#			线对线方案 线缆外径 S1: 10.0 ~ 16.0 mm S2: 12.0 ~ 18.0 mm
RTS1BS18*4P(03)	8#			
RTS1BS18*8P(03)	2.5mm			
RTS1BS18*103P(03)	16# & RF#			
RTS1BS18*23P(03)	16#			
RTS1BS18*32P(03)	20#			
RTS1BS18*2PHEC(03)	8#			线对线方案 2.5mm: 绝缘 ODΦ3.3~4.3mm 16#: 绝缘 ODΦ1.6~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS1BS18*4PHEC(03)	8#			
RTS1BS18*8PHEC(03)	2.5mm			
RTS1BS18*23PHEC(03)	16#			
RTS1BS18*32PHEC(03)	20#			

* 代表可选键位 N。
 * stands for key N.

RTS 插座(适配母端子) - 18号壳体
 Receptacle (match with socket contact) - Shell size 18

插座料号 Receptacle part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS018*2S(03)	8#			配套垫片: RTFD18B & RTFD18B1, 请参考 P100
RTS018*4S(03)	8#			
RTS018*8S(03)	2.5mm			
RTS018*103S(03)	16# & RF#			
RTS018*23S(03)	16#			
RTS018*32S(03)	20#			
RTS018*2SHEC(03)	8#			2.5mm: 绝缘 ODΦ3.3~4.3mm 16#: 绝缘 ODΦ1.6~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm 配套垫片: RTFD18B & RTFD18B1 请参考 P100
RTS018*4SHEC(03)	8#			
RTS018*8SHEC(03)	2.5mm			
RTS018*23SHEC(03)	16#			
RTS018*32SHEC(03)	20#			
RTS718*2S(03)	8#			
RTS718*4S(03)	8#			
RTS718*8S(03)	2.5mm			
RTS718*103S(03)	16# & RF#			
RTS718*23S(03)	16#			
RTS718*32S(03)	20#			

* 代表可选键位 N。
 * stands for key N.

RTS 插座(适配母端子) - 18号壳体

Receptacle (match with socket contact) - Shell size 18

插座料号 Receptacle part number	端子号 Contact	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS1BS18*2S(03)	8#			线对线方案 线缆外径 S1: 10.0 ~ 16.0 mm S2: 12.0 ~ 18.0 mm
RTS1BS18*4S(03)	8#			
RTS1BS18*8S(03)	2.5mm			
RTS1BS18*103S(03)	16# & RF#			
RTS1BS18*23S(03)	16#			
RTS1BS18*32S(03)	20#			
RTS1BS18*2SHEC(03)	8#			线对线方案 2.5mm: 绝缘 ODΦ3.3~4.3mm 16#: 绝缘 ODΦ1.6~2.7mm 20#: 绝缘 ODΦ1.4~2.1mm
RTS1BS18*4SHEC(03)	8#			
RTS1BS18*8SHEC(03)	2.5mm			
RTS1BS18*23SHEC(03)	16#			
RTS1BS18*32SHEC(03)	20#			

* 代表可选键位 N。
 * stands for key N.

RTS RJ45系列
RTS RJ45 Series


插头料号 Plug part number	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS6BS18ARJ03-S3			
RTS6BS18BRJ03-S3			
RTS6BS18NRJ03-S3			
RTS6BS18ARJ03-S3-TW			产品不包含 RJ45 接口插头, 不带端子
RTS6BS18BRJ03-S3-TW			
RTS6BS18NRJ03-S3-TW			

插座料号 Receptacle part number	尺寸图 Dimension	产品图 Picture	补充说明 Remarks
RTS718ARJ03-U1			产品包含 RJ45 接口插座, 带端子
RTS718BRJ03-U1			
RTS718NRJ03-U1			

可选附件-RTFDB垫片

Optional accessories - RTFDB Gasket


所有图纸尺寸是毫米
All Dimensions in mm



垫圈 Gaskets	料号 Part number	$\varnothing A \pm 0.1$	$\varnothing B \pm 0.2$	$C \pm 0.25$	$D \pm 0.25$	$E \pm 0.2$	锁紧扭力(N.m.) Tight torque
8号壳体 Shell 8	RTFD08B	3.3	12.0	15.3	20.6	1.0	0.35-0.45
10号壳体 Shell 10	RTFD10B		15.1	18.3	23.8		
12号壳体 Shell 12	RTFD12B		19.1	20.6	26.8		
14号壳体 Shell 14	RTFD14B		22.2	23.0	28.6		0.40-0.50
16号壳体 Shell 16	RTFD16B		25.4	24.6	31.0		
18号壳体 Shell 18	RTFD18B		28.6	27.0	33.3		0.55-0.65
20号壳体 Shell 20	RTFD20B		4.3	31.8	29.4		
22号壳体 Shell 22	RTFD22B	3.3	35.1	31.8	39.4	0.60-0.70	
24号壳体 Shell 24	RTFD24B	4.3	38.1	34.9	42.5		

可选附件-RTFDB1新版垫片

Optional accessories - RTFDB1 Gasket



垫圈 Gaskets	料号 Part number	$\varnothing A \pm 0.1$	$\varnothing B \pm 0.2$	$C \pm 0.25$	$D \pm 0.25$	$E \pm 0.2$	锁紧扭力(N.m.) Tight torque
10号壳体 Shell 10	RTFD10B1	3.3	14.4	18.3	23.8	1.0	0.35-0.45
12号壳体 Shell 12	RTFD12B1		18.3	20.6	26.8		
14号壳体 Shell 14	RTFD14B1		21.2	23.0	28.6		
16号壳体 Shell 16	RTFD16B1		24.0	24.6	31.0		0.40-0.50
18号壳体 Shell 18	RTFD18B1		27.3	27.0	33.3		
20号壳体 Shell 20	RTFD20B1		30.7	29.4	36.5		0.55-0.65

RTFDxxB与RTFDxxB1产品对比说明

Optional accessories - RTFDB vs RTFDB1 Gaskets

RTFDxxB1产品特性:

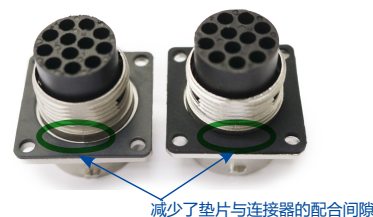
相较于RTFDxxB 旧款垫片, RTFDxxB1新升级垫片专为RT0系列后面板安装设计, 具有如下优点:

- 1, 产品固定性更好, 便于连接器安装
- 2, 产品防水性能提高, 更加可靠

Characters of RTFDxxB1 gaskets:

Compared with RTFDxxB, RTFDxxB1 gasket is designed for square flange back panel installation.

- 1, Easier for installation.
- 2, Better waterproof performance.



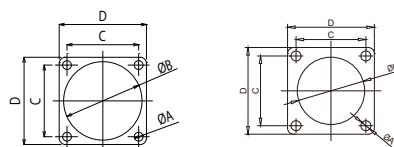
图左/Left: RTFD14B
图右/Right: RTFD14B1

差异点:

相较于RTFDxxB 旧款垫片, RTFDxxB1新升级垫片 $\varnothing B$ 数值更小, 其余保持不变。

Difference:

Compared with RTFDxxB, RTFDxxB1 gasket has smaller $\varnothing B$ and higher thickness, other dimensions are kept the same.



图左/Left: RTFDxxB 旧款垫片
图右/Right: RTFDxxB1新升级垫片

RTS 可选附件-防尘盖

RTS Optional accessories - Dust cap

所有图纸尺寸是毫米
All Dimensions in mm

备注:
Remark:
防尘盖是塑胶材料, 手柄为橡胶材料
Dustcap is made of plastic material, while grip is made of rubber material.

防水等级可达IP67
Waterproof rate is about IP67.

插座防尘盖 Receptacle dust cap	料号 Part number	ØA	ØB	C
10号壳体 Shell 10	RTS010DCG	23.0	14.4	126.2
12号壳体 Shell 12	RTS012DCG	27.0	18.0	133.0
14号壳体 Shell 14	RTS014DCG	30.6	21.5	138
16号壳体 Shell 16	RTS016DCG	32.45	24.6	138
18号壳体 Shell 18	RTS018DCG	35.25	27.85	138

备注:
Remark:
防尘盖是塑胶材料, 手柄为橡胶材料
Dustcap is made of plastic material, while grip is made of rubber material.

防水等级可达IP67
Waterproof rate is about IP67.

插头防尘盖 Plug dust cap	料号 Part number	ØA	ØB	C
10号壳体 Shell 10	RTS610NDCG	19.2	22.6	126.4
12号壳体 Shell 12	RTS612NDCG	23.4	23.5	145
14号壳体 Shell 14	RTS614NDCG	27.0	27.5	145
16号壳体 Shell 16	RTS616NDCG	30.1	30.5	145
18号壳体 Shell 18	RTS618NDCG	32.8	33.5	146

备注:
色环是塑胶材料
不同颜色的选择:
* 代表:
R: 红色
G: 绿色
Y: 黄色

防水等级可达IP67
Waterproof rate is about IP67.

Remark:
Color coding ring is made of plastic material.
* means different colors:
R: Red
G: Green
Y: Yellow

色环 Color coding ring	料号 Part number	ØA	B
8号壳体 Shell 8	RTS8CCR*	11.2	2.0
10号壳体 Shell 10	RTS10CCR*	14.5	2.0
12号壳体 Shell 12	RTS12CCR*	18.5	1.9
14号壳体 Shell 14	RTS14CCR*	21.7	1.9
16号壳体 Shell 16	RTS16CCR*	24.5	1.9
18号壳体 Shell 18	RTS18CCR*	28.0	1.9

可选附件-取卸工具

Optional accessories-Contact Extraction Tool

料号 Part number	描述 Description	图片 Picture
QXRT08R	取卸工具 Contact Extraction Tool (for 3.6mm RTHP contacts)	
QXRT08	取卸工具 Contact Extraction Tool (for 3.6mm contacts)	
QXRT08L	取卸工具(目前仅用于184和182连接器) Contact Extraction Tool, (Currently only available for 184 and 182 connectors.)	
QXRT12S	取卸工具 Contact Extraction Tool (for 2.5mm contacts)	
QXRT12	取卸工具 (目前仅用于AEM系列连接器12#端子) (Currently only available for AEM series connectors 12# contact.)	
QXRT16	取卸工具 Contact Extraction Tool (for 16# contacts)	
QXRT20	取卸工具 Contact Extraction Tool (for 20# contacts)	
CA-5D12	手动铆压工具(车削端子) Universal Hand Crimp Tool (for Machined Contacts)	
MFx-3957	端子机铆压(冲压端子) Crimp Die (for Stamped and Formed Contacts)	
CA-5E12	气动铆压工具(车削端子) Pneumatic Crimp Tool (for Machined Contacts)	
TXRT16	RT 16# contacts assembly fixture 端子推线工具,适用于16号端子孔	
AT13-204-2005	密封塞 Sealing Plugs (for 20#,16# contact hole) 适用20号和16号端子孔	
A114017	密封塞 Sealing Plugs (for 2.5mm, 3.6mm contact hole) 适用 2.5mm, 3.6mm 端子孔	
A114018	密封塞 (目前仅用于182、184连接器) Sealing Plugs (Currently only available for 182 and 182 connectors.) 适用8#端子孔(for 8# contact hole)	

联系工厂订购其它类型的附件和工具。
Consult factory for additional types of accessories and tools.

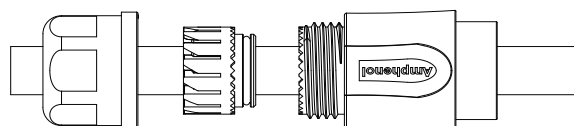
RTS/FLS 插头带尾盖线缆装配说明

RTS/FLS series plug with back shell cable assembly instructions



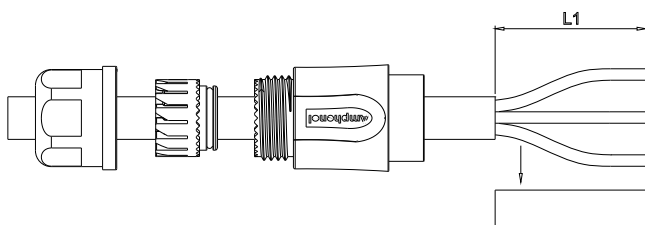
Step 1 穿线缆

Slid cord grip on cable.



Step 2 剥外被 (剥线长度见表1)

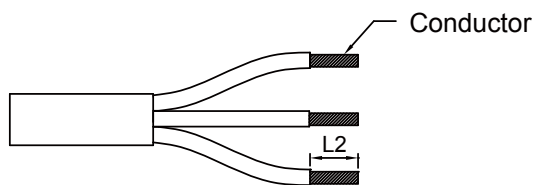
Strip the cable jacket. The stripping length refer to table 1.



Shell size	Contact type	L1 Stripping length (mm)
10	Pin	25~30
	Socket	35~40
12	Pin	30~35
	Socket	40~45
14	Pin	35~40
	Socket	40~45
16	Pin	35~40
	Socket	45~50
18	Pin	35~40
	Socket	45~50

Step 3 剥芯线 (剥线长度见表2)

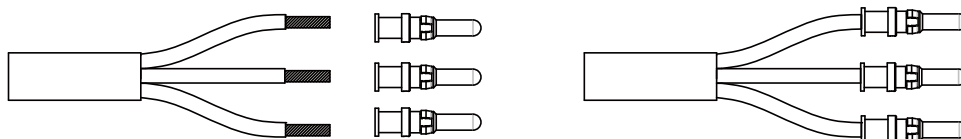
Strip the wires, the stripping refer to table 2.



Contact size	L2 (mm) Stamping	L2 (mm) Machined
8#	N/A	7.5~8.5
2.5mm	8.5~9.5	N/A
16#	5.0~5.5	7.5~8.5
20#	5.5~6.0	7.0~8.0

Step 4 组装端子

Assmeby contacts.



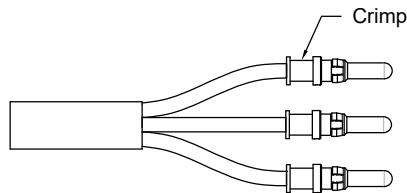
数据仅供参考

The data is only for reference.

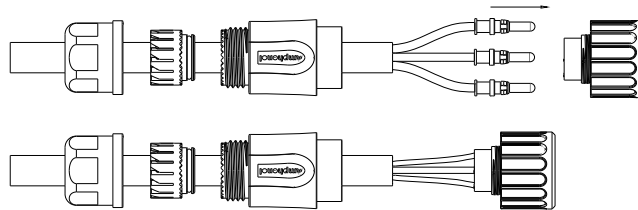
RTS/FLS 线缆装配说明

RTS/FLS series plug and receptacle cable assembly instructions

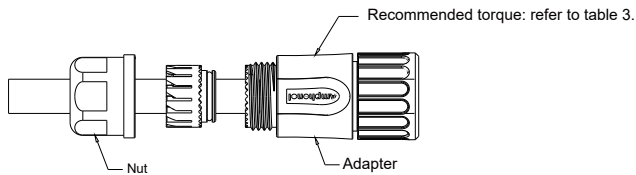
Step 5 铆端子
Crimp contacts.



Step 6 将端子装入连接器
Assembly contacts into connector.

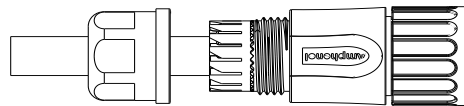


Step 7 组装后盖
Assembly back shell.

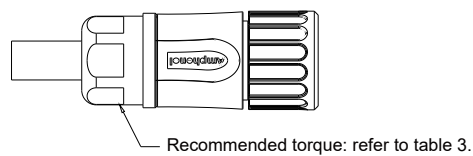


Shell size	Adapter tightening torque range (N.m)	Nut tightening torque range (N.m)
8	0.4~0.6	1.0~1.2
10	1.5~1.7	1.0~1.2
12	2.0~2.2	2.5~2.7
14	2.8~3.0	2.5~2.7
16	2.8~3.0	3.0~3.2
18	4.3~4.5	3.0~3.2

Step 8 将密封圈装入后盖
Push the seal ring into the back shell.



Step 9 组装尾部螺母，完成线缆组装
Assembly end nut, complete the installation.

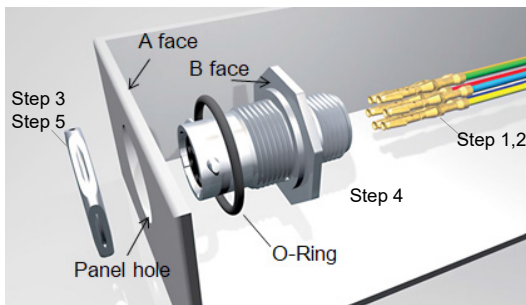


RT/RTS/FLS 八方盘装配说明

RT/RTS/FLS series octagon plate assembly instructions

壳体Shell size	RT螺母扭力 Jam nut torque (Nm)	RTS螺母扭力 Jam nut torque (Nm)	FLS螺母扭力 Jam nut torque (Nm)	RT/RTS面板厚度 Panel thickness max (mm)	FLS面板厚度 Panel thickness max (mm)	扳手口径 Exterior jam nut dim. (mm)
8	N/A	1.0~1.5	N/A	3.18	N/A	N/A
10	5.0~6.0	2.0~3.0	3.0~4.0	3.18	5.00	22.2
12	8.0~9.0	3.0~4.0	4.0~5.0	3.18	5.00	27.0
14	9.0~10.0	4.0~5.0	4.0~5.0	3.18	5.00	30.2
16	11.4~13.0	4.0~5.0	N/A	3.18	N/A	33.3
18	18.4~20	4.0~5.0	N/A	3.18	N/A	36.5
20	20.8~23.0	N/A	N/A	6.38	N/A	39.7
22	22.8~25.0	N/A	N/A	6.38	N/A	43.0
24	23.8~26.0	N/A	N/A	6.38	N/A	46.0

The data is only for reference.



安装步骤: Mounting Suggestion:

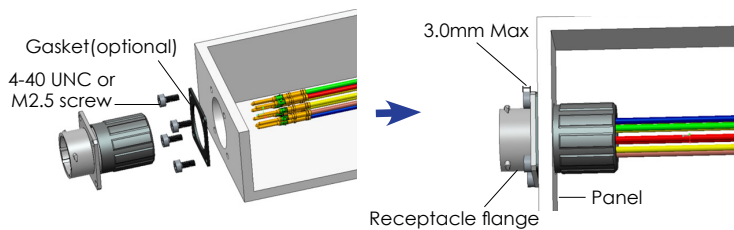
- 步骤 1: 将线剥去绝缘皮后压端子。
Step 1: Strip wires and crimp contacts.
步骤 2: 将端子插入连接器孔内。
Step 2: Insert contacts into connector.
步骤 3: 安装面板前, 将螺母退出连接器。
Step 3: Front of mounting panel, disengage the nut from the connector.
步骤 4: 将连接器穿过面板, O形圈与面板(A面)和连接器平面(B面)完全贴紧。
Step 4: Cross the connector through the panel hole, make the O-ring attach with the panel (A face) and the connector (B face).
步骤 5: 旋入螺母。
Step 5: Assemble the nut.

RT00/RTS0 四方盘装配说明

RT00/RTS0 series rectangle plate assembly instructions

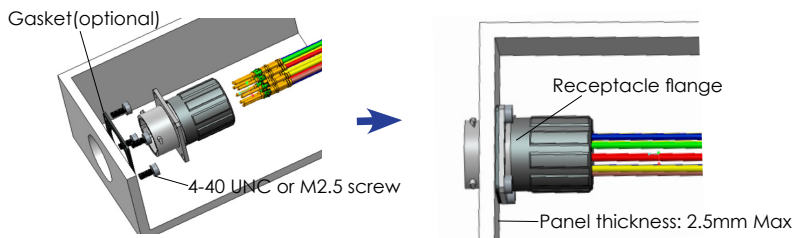
Front mounting : Crimp

After mounting



Rear mounting : Crimp version

After mounting



安装步骤: Mounting Suggestion:

- 步骤 1: 将线剥去绝缘皮后压端子。
Step 1: Strip wires and crimp contacts.
步骤 2: 将端子插入连接器孔内。
Step 2: Insert contacts into connector.
步骤 3: 将垫片和插座装入面板孔内。
Step 3: Place gasket and receptacle in the panel cut-out
步骤 4: 将螺丝固定插座。
Step 4: Secure receptacle with screw.

壳体Shell size	建议扭力Tight Torque (Nm)	垫片压缩量Gasket Compression Distance (mm)
Size 8	0.35~0.45	0.30~0.45
Size 10		
Size 12		
Size 14		
Size 16		
Size 18	0.40~0.50	0.40~0.50
Size 20	0.55~0.65	0.40~0.50
Size 22	0.60~0.70	
Size 24		