



TEST REPORT

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Applicant 申请人公司名称:
NINGBO XUANHUA INDUSTRIAL CO., LTD.
宁波煊华实业有限公司
SIMEN TOWN, YUYAO CITY, ZHEJIANG
浙江省余姚市泗门镇共济路 58 号

Date of Submission 样品收取日期: 2021-5-17
Test Period 所需工作周期: 2021-5-17 to 2021-5-25
Sample Mode 来样方式: Sample Presentation 委托单位送样
BV EE Ref. No. BV 参考编号: /

Sample Description 样品描述:		Sample(s) received is(are) stated to be 收到的送测样品为: 插头/塑料线/橡胶线	
Manufacturer 制造商:	/	Buyer 买家:	/
Style No(s) 款号:	XH-03, XH03-S/ H05VV-F/H07RN-F	PO No. 采购订单号:	/
Country of Origin 原产地:	/	Country of Destination 目的国:	Oversea Country
Supplier 生产商:	NINGBO XUANHUA INDUSTRIAL CO., LTD.	Trade Mark 商标:	XUANHUA
Material 材料:	PVC, PVC, RUBBER	/	/

SUMMARY OF TEST RESULTS 测试结果摘要

TEST REQUESTED	CONCLUSION
Compliance Test - European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS), with its Amendments (EU) 2015/863 合规测试 - 有关欧盟委员会针对电子产品的指令(电子电器禁用某些有害物质指令) 2011/65/EU 及其修订条款 (EU) 2015/863	PASS 通过

Note 注释: Chinese translation of report just for reference only, English report shall prevail if you have any objection.
报告中文翻译仅供参考, 如有异议以英文报告内容为准

REMARK/备注

If there are questions or concerns on this report, please contact the following persons:

若有任何疑问或咨询, 可通过下述联络方式与我们联络

General enquiry and invoicing

其他问题

Technical enquiry

技术问题

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CONSUMER PRODUCTS SERVICES DIVISION (SHANGHAI)

必维国际检验集团 - 必维申美商品检测(上海)有限公司

Laboratory Test Location 实验室检测地址:

No.368,Guangzhong Road, Zhuangqiao Town, Minhang, Shanghai 上海市闵行区光中路 368 号

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PREPARED BY :

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Photo of the Submitted Sample
递交样品照片





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TEST RESULT

Compliance Test - European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments (EU) 2015/863

Test Method : See Appendix.

See Analytes and their corresponding Maximum Allowable Limit in Appendix

-			Result									
Parameter			Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	Description	Location	-	-	-	-	-	-	-	-	-	-
1	Black plastic	Power cord(black)	ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
2	Black plastic		ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
3	Golden metal with silvery plating		1.86x 10 ⁴	ND	ND	ND	NA	NA	NA	NA	NA	EX [#]
4	Golden metal with silvery plating		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
5	Black plastic cable jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
6	Brown plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
7	Blue plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
8	Yellow and green plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
9	Coppery metal wire		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
10	Red plastic cable jacket	Wire(red)	ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
11	Brown plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
12	Blue plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
13	Yellow and green plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
14	Coppery metal wire		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
15	Black plastic	Wire(black)	ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
16	Black plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
17	Black plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
18	Golden metal with silvery plating		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
19	Golden metal		9.87x 10 ³	ND	ND	ND	NA	NA	NA	NA	NA	EX [#]
20	Silvery metal solder		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
21	Orange plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
22	Silvery metal spring		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
23	Silvery metal screw		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
24	Golden metal		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
25	Black plastic		ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
26	Black plastic cable jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
27	Brown plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS



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-			Result									
Parameter			Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	Description	Location	-	-	-	-	-	-	-	-	-	-
28	Blue plastic wire jacket	Wire(black)	ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
29	Yellow and green plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
30	Coppery metal wire		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS

Note / Key :

ND = Not detected “>” = Greater than “<” = Less than
NR = Not requested mg/kg = milligram(s) per kilogram = ppm = part(s) per million
Detection Limit: See Appendix. NA = Not applicable EX= Exempted

Remark :

- The testing approach is listed in table of Appendix.
- * denotes as reported result(s) was (were) performed by wet chemistry method. Others were screened by XRF. For XRF screening, the result(s) of Cr VI was (were) reported as total chromium and the result(s) of PBBs and PBDEs was (were) reported as total bromine. Also, the XRF result(s) may be different to the actual content based on various factors including, but not limit to, sample size, thickness, area, non-uniformity composition, surface flatness.
- Only selected example(s) is (are) indicated on the photograph(s) in Comment.
- According to European Parliament and Council Directive 2011/65/EU, Article 5 “Adaptation of the Annexes to scientific and technical progress”, exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.
- For item 3,19:
#According to Annex III of European Council Directive 2011/65/EU, exemptions were granted a few materials and Clause 6(c) is reiterated here “Copper alloy containing up to 4 % lead by weight.”. Test Item(s) was (were) claimed as is by client (received as is). Therefore, this (these) Test Item(s) containing the found lead level should be exempted.

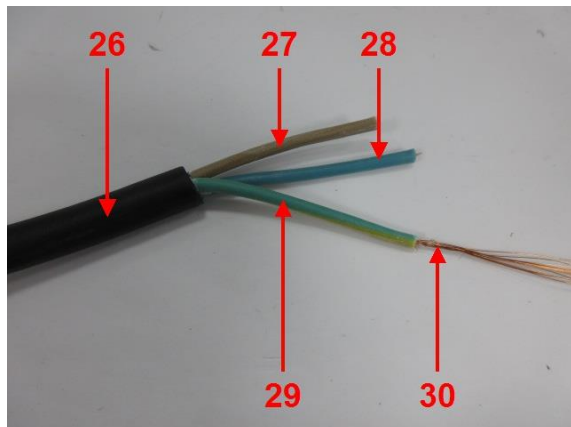
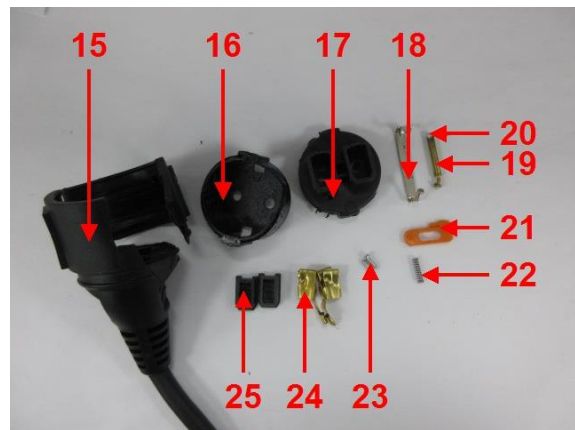
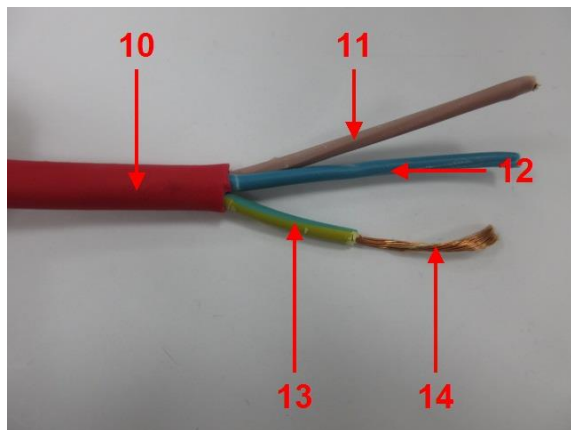
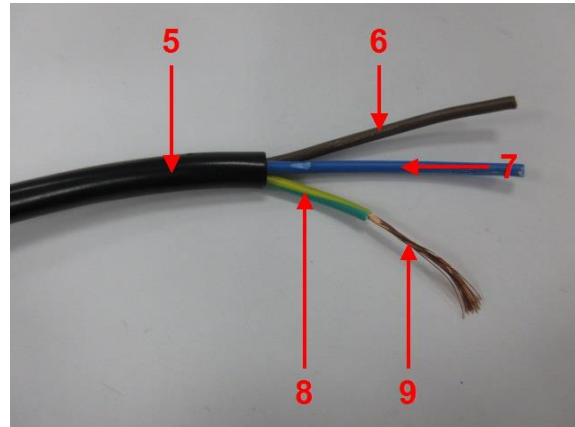
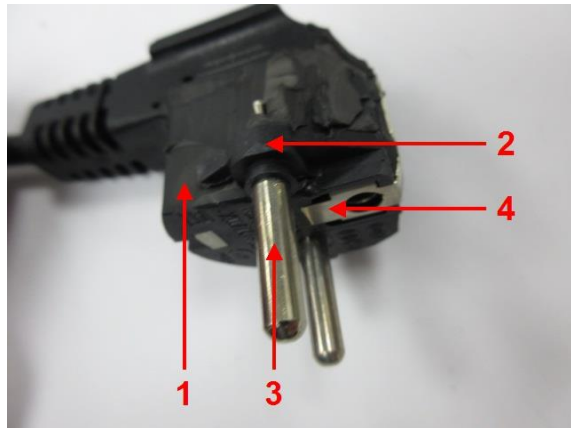


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Comment :

Photograph depicting Test Item(s)



END



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APPENDIX

List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit [Compliance Test for European Parliament and Council Directive 2011/65/EU with its Amendments (EU) 2015/863] :						
No.	Name of Analyte(s)	Detection Limit (mg/kg)				Maximum Allowable Limit (mg/kg)
		X-ray fluorescence (XRF) ^[a]			Wet Chemistry	
		Plastic	Metallic / glass / ceramic	Others		
1	Lead (Pb)	100	200	200	10 ^[b]	1000
2	Cadmium (Cd)	50	50	50	10 ^[b]	100
3	Mercury (Hg)	100	200	200	10 ^[c]	1000
4	Chromium (Cr)	100	200	200	NA	NA
5	Chromium VI (Cr VI)	NA	NA	NA	3 ^[g, h] / 10 ^[d] / See ^[e, i]	1000 / Negative ^[j]
6	Bromine (Br)	200	NA	200	NA	NA
7	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	NA	NA	NA	Each 50 ^[f]	Sum 1000
8	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) -Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	NA	NA	NA	Each 50 ^[f]	Sum 1000
9	Dibutyl phthalate (DBP) Butyl benzyl phthalate (BBP) Di-2-ethylhexyl phthalate (DEHP) Diisobutyl phthalate (DIBP)	NA	NA	NA	Each 500 ^[j]	Each 1000
NA = Not applicable IEC = International Electrotechnical Commission						
[a]	Test method with reference to International Standard IEC 62321-3-1: 2013.					
[b]	Test method with reference to International Standard IEC 62321-5: 2013.					
[c]	Test method with reference to International Standard IEC 62321-4: 2013+AMD1: 2017 CSV.					
[d]	Polymers and Electronics - Test method with reference to International Standard IEC 62321-7-2: 2017.					
[e]	Metal - Test method with reference to International Standard IEC 62321-7-1: 2015.					
[f]	Test method with reference to International Standard IEC 62321-6: 2015.					
[g]	Leather - Test method International Standard ISO 17075: 2017.					
[h]	Other Than Metal, Leather, Polymers and Electronics - Test method with reference to International Standard ISO 17075: 2017.					
[i]	Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).					
[j]	Test method with reference to International Standard IEC 62321-8: 2017					
Testing Approach [Compliance Test for European Parliament and Council Directive 2011/65/EU] :						
The testing approach was with reference to the following document(s).						
1	International Standards IEC 62321-1: 2013 and IEC 62321-2: 2013					
2	“RoHS Enforcement Guidance Document Version 1” by EU RoHS Enforcement Authorities Informal Network. (May 2006)					
3	“RoHS Regulations - Government Guidance Notes” by United Kingdom Department for Business Innovation & Skills. (February 2011)					
4	“Final Report to RoHS substances (Hg, Pb, Cr(VI), Cd, PBB and PBDE) in electrical and electronic equipment in Belgium” by Belgium Federal Public Service Health, Food Chain Safety and Environment. (November 2005)					



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Annex

The client declared that the materials used of below Styles are same as tested style.

Description
XC7(XH004A,ST2),XC5(XH005A),XC13(XH006A,ST3),XH006B,XC15(XH006C),XH006D,XH006E,XH006F,XC17(XH006G),XC13-S(XH006H),XC14(XH007A),XH007B,XH007D,XH007E,XH007F,XC18(XH007G),XH007H,XC19(XH008A,ST6),XH008B,XH008C,XH008D,(XC19-S)XH008H,XC20(XH009A),XH009B,XH009C,XC20-K(XH009D,XH009H),XH010,XN115P-A(XH201),XN115P-AF(XH201-F),XN115P-B(XH212),XN115P-C(XH213),XN115P-D(XH214),XN115P-E(XH215),XN115P-F(XH217),XN115P-G(XH201D),XN115P-H,XN115T-A(XH201C),XN115R-A(XH301),XN115R-B(XH302),XN115R-C(XH303),XN115R-D(XH304),XN115R-E(XH201-Z),XN515P-A(XH218),XN515P-AF(XH202-F),XN515P-B(XH219),XN515P-C(XH202),XN515P-D(XH203),XN515P-E(XH204),XN515P-F(XH220),XN515P-G(XH221),XN515P-H(XH222),XN515P-I(XH223),XN515P-J(XH224),XN515P-K(XH225),XN515P-L(XH232),XN515P-MK(XH233),XN515P-N(XH216C),XN515P-O(XH216D),XN515T-A(XH202C),XN515R-A3(XH305),XN515R-B(XH306),XN515R-C(XH203-Z),XN515R-D3(XH515A),XN515R-E3(XH515C),XN615P-A(XH226),XN615P-B(XH227),XN615T-A(XH227C),XN615R-A(XH615A),XN615R-B3(XH615C),XN715P-A(XH244),XN715P-B(XH248),XN520P-A(XH230),XN520P-B(XH231),XN520P-C(XH216E),XN520P-D(XH216F),XN520R-A4(XH520A),XN520R-A4+B(XH520-A),XN520R-B4(XH520B),XN520R-B4+B(XH520-B),XN520R-C(XH520C),XN520R-C+B(XH520-C),XN520R-D3+B(XH520D),XN520-E3(XH520F),XRU150,XH501-4,XN620P-A(XH228),XN620P-B(XH229),XN620R-A(XH620C),XN620R-B3(XH620D),XN720P-A(XH245),XN1420P-A(XH243),XN1420R-A(XH1420R),XN530P-A(XH241),XN530R-A(XH530C),XN630P-A(XH630C),XN1030P-A(XH205),XN1030P-B(XH236),XN1030R-A(XH1030C),XN1130P-A(XH1130P),XN1430P-A(XH207),XN1430P-B(XH238),XN1430R-A(XH1430C),XN1530P-A(XH1530P),XNTT30P-A(XH234),XNTT30R-A(XH307),XN550P-A(XH242),XN550R-A(XH550C),XN650P-A(XH210),XN650P-B(XH235),XN650R-A(XH240),XN750P-A(XH750P),XN1050P-A(XH206),XN1050P-B(XH237),XN1050R-A(XH1050C),XN1150P-A(XH1150P),XN1450P-A(XH208),XN1450P-B(XH239),XN1450R-A(XH308),XN1550P-A(XH211),XN1550R-A(XH1550C),XL515P-A(XH515P-A),XL515R-A(XH515R-A),XL520P-A(XH520P-A),XL520R-A(XH520R-A),XL530P-A(XH105),XL530R-A(XH530R-A),XL615P-A(XH615P-A),XL615R-A(XH114),XL620P-A(XH620P-A),XL630P-A(XH106),XL715P-A(XH715P-A),XL715R-A(XH110),XL720P-A(XH109),XL720P-A,XL730P-A,XL820P-A(XH107),XL820R-A(XH112),XL1520P-A(XH1520P-A),XL1520R-A(XH1520R-A),XL1530P-A(XH1530P-A),XL1530R-A(XH1530R-A),XL1620P-A,XL1630P-A,XL1830P-A,XL1930P-A,XL2030P-A,XL2120P-A(XH2120P-A),XL2120R-A(XH2120R-A),XL2130P-A(XH2130P-A),XL2130R-A(XH2130R-A),XL2220P-A(XH2220P-A),XL2230P-A(XH2230P-A),XL2320P-A(XH2320P-A),XL2330P-A(XH2330P-A),XL530P-B(XH530P-B),XL530R-B(XH530R-B),XL630P-B(XH630P-B),XL630R-B(XH630R-B),XH112,XIP-A(XM01),XIR-A(XM02),XIP-B(XM03),XIR-B(XM04),XM05,XIR-B2(XM04/R2),XIR-C(XM06),XIP-D(XM08),XIP-C(XM09),XIP-E(XM10),XY-2,XY-3,XY-4,XY-5,XH-Z01,XH-Z02,XK01,XK02,XH-A01,XH-A02,XH-A03,XH-A04,XH-A05,XH-A06,XH-A03-1,XH-A04-1,XH-A07,XH-A08,XH-A09,XH-A10,XH-A11,XH-A12,XH-A13,XH-A14,XH-A18,XH-A19,XH-A20,XH0115,XH-A0315,XH-A1015,XH-A01415,XH-A03215,XH-A04215,XC14/N515R-A,XN515P/N520R-A,XNTT30P/N515R-A,XN650P/N1450R-A,XN1450P/N650R-A,XL530P/N1450R-A,XNTT30P/N1450R-A,XL1430P/N1450R-A,XN515P/TT30R-A,XN515P/TT30R-B,XN520P/TT30R-A,XN1450P/TT30R-A,XL530P/TT30R-A,XL1430P/TT30R-A,XN520P/XL530R-A,XL1430P/N520R-A4-B,XL530P/N520R-A4,XL1430P/N520R-A4,XL530P/L1430R-A,XL1430P/L530R-A,XL1430P/N650R-A,XN515P/XL530R-A,XN1030P/N650R-B,XN1030P/N1430R-B,XN1030P/N1450R-B,XN1050P/N650R-B,XN1050P/N1430R-B,XN1050P/N1450R-B,XN1430P/N1030R-B,XN1430P/N1050R-B,XN1450P/N620R-A,XN1450P/N1050R-A,XN1450P/N1430R-A,XNTT30P/L1430R-A,XL530P/XN515R-A3,XY-2,XY-3,XY-4,XY-5,XA03,XA04,XA06,XA09,XH01,XH02,XH02-F,XH03,XH03-F,XH03B,XH016A,XH017A,XH012A,XH013A,XH014A,XH015A,XH016A,XH017A,XH031A,XH031B,XH031C,XH031D,XH032A,XH032B,XH032C,XH033A,XH033C,XH042A,XH043A,XH043B,XH043C,XH044B,PBB-6,PBB-10,PBB-10-1,PSB-10,PSB-10A,PSB-16,PSB-20,XH072A,XH073A,XH073B,XH051A,XH052A,XH053A,XH054A,XH055A,XH071A,XH071C,XH021B,XH022B,XH023A,XH024A,XH025A,XH026A,XH026B,XH026C,XH026D,XH01-Z,XH02-Z,XH02-Q,XH02-T,XH012-Z,XH014A-Z,XH03-R,XH03-FR2,XH03-P,XH03-Q,XH03-T,XH03-S4,XH03-S2,XH03-S3,XG021D,XG021E,XG031B,XG021A,XG041B,XG033C,XG011C,XH03C,XH03C-Z,XHG03D,XHG05C,XHG05C-Z



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Description
H03VVH2-F,H05VVH2-F , H03VV-F,H07VV-F,RVV,RV,VCT,VCTF,VCTFK,VFF,HVCT,HVCTF, HVCTFK,HVFF,NISPT-1,NISPT-2,SPT-1 , SPT-2 , SPT-1W,SPT-2W,SPT-1-R,SPT-2-R,SVT,SVTO, SVTOO, SJT- R,SJT,SJTW,SJTO,SJTOW,SJTOO,SJTOOW,ST,STW,STO,STOW,STOO,STOOW,22094, 1015,1007,2464
H03RN-F,H03RT-F,H05RN-F,H05RNH2-F,H05RR-F,XH05RNH2-F,05RN8-F,,YCW,YZW,YZ , YH,SJ, SJO,SJOW,SJOO,SJOOW.S,SO,SOW,SOO,SOOW,HPN,HPN-R,HHFF,PNCTFK,PNCTF

Remark:

Since the client was not able to provide the sample of additional Style, above additional Style(s) hasn't been tested, but only based on the guarantee letter provided by the client. Bureau Veritas-CPS takes no responsibility for any mistakes and the problems of product consistency caused by inaccurate and/or invalid information submitted by the client. The client will take the responsibility of all discrepancy and risk.