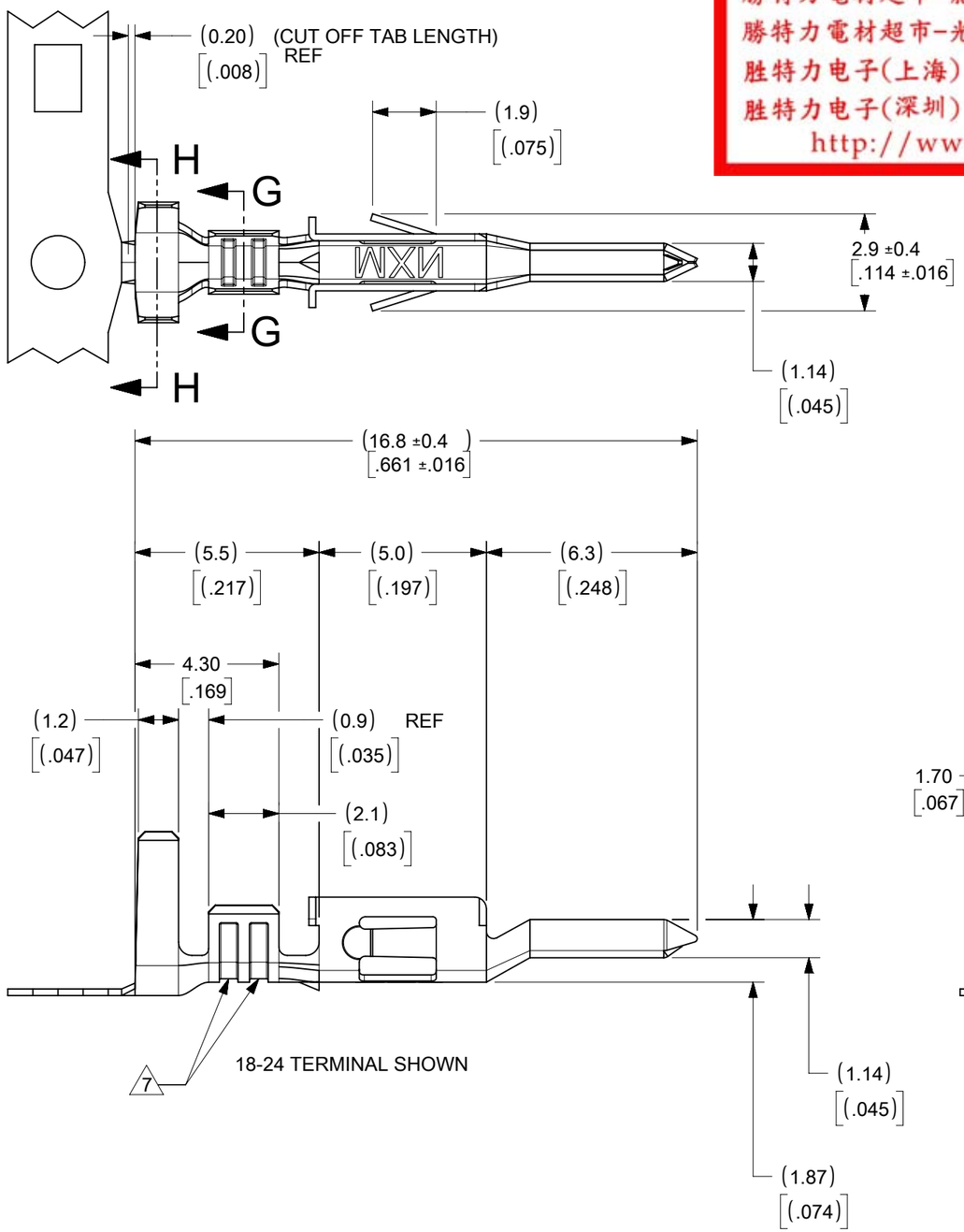
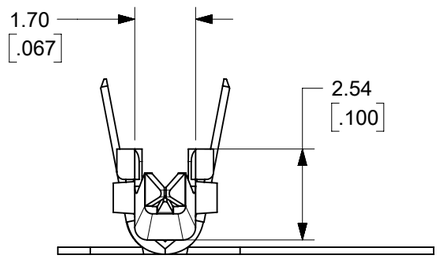
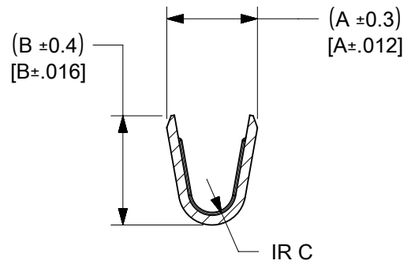
勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
http://www.100y.com.tw

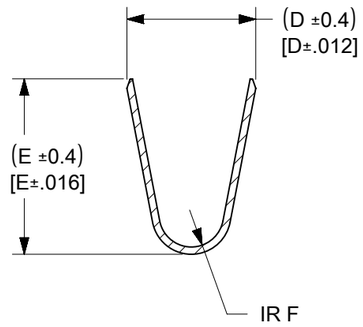




NOTES:
1. MATERIAL: SEE CHART
2. FINISH: SEE CHART
3. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003
4. PACKAGING SPECIFICATION: PK-5558-001 FOR CHAIN
   PK-5556-003 FOR LOOSE
5. MATES WITH TERMINAL: 5556 SERIES.
6. APPLICABLE HOUSING: 5559, 30068, 42475 SERIES.
7. THE NUMBER OF SERRATIONS TO BE ONE FOR WIRE RANGE #22-28.
8. WHEN TERMINALS ARE INSTALLED IN THE HOUSING THE WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
9. THIS TERMINAL IS DESIGNED FOR SINGLE WIRE CRIMPING.
10. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMTIC SPECIFICATION PS-45499-002.
11. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.



SECTION G-G



SECTION H-H

DOCUMENT STATUS	P1	RELEASE DATE	2021/04/14	14:25:13	

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E
DATE: 2020/01/14

FUNCTIONAL SYMBOLS
EA = 0
EC = 0
EP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: mm/inch | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.01
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CURRENT REV DESC:

EC NO: 660823
DRWN: VIJAYS4 2021/04/06
CHK'D: YXZHENG 2021/04/14
APPR: YXZHENG 2021/04/14

INITIAL REVISION:
DRWN: H.HIRAMOTO 1991/03/12
APPR: FSMITH 2010/04/09

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 5558

molex

MINI-FIT JR
OVERALL TIN MALE CRIMP TERMINAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-5558XXXX	PSD	001	L2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 2	GENERAL MARKET	1 OF 2

PLATING	MATERIAL	F	E	D	C	B	A	INS.RANGE	SINGLE WIRE / WIRE AWG RANGE	DOUBLE WIRE	EDP NO.	ENG. NO.	FORM
REFLOWED MATTE TIN 0.00090/(.000035) MIN. (PREPLATE) (FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)	PHOSPHOR BRONZE	(0.9) / .035	(4.5) / .177	(3.6) / .142	(0.6) / .024	(2.7) / .106	(2.3) / .091	∅ (3.1) / .122 MAX	16	N/A	39-00-0084	5558 PBT3L	LOOSE
										20+20 20+22 18+22	39-00-0083	5558 PBT3	CHAIN
		(0.6) / .024	(2.3) / .091	(2.3) / .091	(0.4) / .016	(1.65) / .065	(1.8) / .071	∅ (0.9 - 1.8) / .035 - .071	22-28	N/A	39-00-0068	5558 PBT2L	LOOSE
										N/A	39-00-0067	5558 PBT2	CHAIN
		(0.9) / .035	(4.5) / .177	(3.6) / .142	(0.5) / .020	(2.3) / .091	(1.9) / .075	∅ (1.3 - 3.1) / .051 - .122	18-24	N/A	39-00-0062	5558 PBTL	LOOSE
										22+22	39-00-0061	5558 PBT	CHAIN
REFLOWED MATTE TIN 0.00090/(.000035) MIN OVER COPPER 0.00050/(.000020) MIN. (PREPLATE) (FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)	BRASS	(0.9) / .035	(4.5) / .177	(3.6) / .142	(0.6) / .024	(2.7) / .106	(2.3) / .091	∅ (3.1) / .122 MAX	16	N/A	39-00-0082	5558 T3L	LOOSE
										20+20 20+22 18+22	39-00-0081	5558 T3	CHAIN
		(0.6) / .024	(2.3) / .091	(2.3) / .091	(0.4) / .016	(1.65) / .065	(1.8) / .071	∅ (0.9 - 1.8) / .035 - .071	22-28	N/A	39-00-0049	5558 T2L	LOOSE
										N/A	39-00-0048	5558 T2	CHAIN
		(0.9) / .035	(4.5) / .177	(3.6) / .142	(0.5) / .020	(2.3) / .091	(1.9) / .075	∅ (1.3 - 3.1) / .051 - .122	18-24	N/A	39-00-0041	5558 TL	LOOSE
										22+22	39-00-0040	5558 T	CHAIN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm/inch

SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.01
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 660823
DRWN: VIJAYS4 2021/04/06
CHK'D: YXZHENG 2021/04/14
APPR: YXZHENG 2021/04/14

INITIAL REVISION:
DRWN: H.HIRAMOTO 1991/03/12
APPR: FSMITH 2010/04/09

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 5558

molex

MINI-FIT JR
OVERALL TIN MALE CRIMP TERMINAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-5558XXXX	PSD	001	L2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2021/04/14 14:25:13

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E
DATE: 2020/01/14

PLATING	MATERIAL	F	E	D	C	B	A	INS. RANGE	WIRE RANGE	EDP NO.	ENG. NO.	FORM
REFLOWED MATTE TIN 0.00090/(.000035) MIN. (PREPLATE) (FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)	PHOSPHOR BRONZE	(0.9) .035	(4.5) .177	(3.6) .142	(0.6) .024	(2.7) .106	(2.3) .091	Ø (3.1) .122 MAX.	#16	39-00-0084	5558 PBT3L	LOOSE
										-0083	PBT3	CHAIN
		(0.6) .024	(2.3) .091	(2.3) .091	(0.4) .016	(1.65) .065	(1.8) .071	Ø (0.9-1.8) .035-.071	#22-28	-0068	PBT2L	LOOSE
										-0067	PBT2	CHAIN
		(0.9) .035	(4.5) .177	(3.6) .142	(0.5) .020	(2.3) .091	(1.9) .075	Ø (1.3-3.1) .051-.122	#18-24	-0062	PBTL	LOOSE
										-0061	PBT	CHAIN
REFLOWED MATTE TIN 0.00090/(.000035) MIN OVER COPPER 0.00050/(.000020) MIN. (PREPLATE) (FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)	BRASS	(0.9) .035	(4.5) .177	(3.6) .142	(0.6) .024	(2.7) .106	(2.3) .091	Ø (3.1) .122 MAX.	#16	-0082	T3L	LOOSE
										-0081	T3	CHAIN
		(0.6) .024	(2.3) .091	(2.3) .091	(0.4) .016	(1.65) .065	(1.8) .071	Ø (0.9-1.8) .035-.071	#22-28	-0049	T2L	LOOSE
										-0048	T2	CHAIN
		(0.9) .035	(4.5) .177	(3.6) .142	(0.5) .020	(2.3) .091	(1.9) .075	Ø (1.3-3.1) .051-.122	#18-24	-0041	TL	LOOSE
										39-00-0040	5558 T	CHAIN

SEE SHEET 1
EC NO: UCP2017-1893 2017/02/28
DRWN:CSLAFTER 2017/03/14
CH'KD:JBELL
APPR:FSMITH 2017/07/31
DESCRIPTION
REV
L1

QUALITY SYMBOLS
$\sqrt{F_A}$=0
$\sqrt{F_C}$=0
$\sqrt{F_D}$=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± .25	± .010
1 PLACE	± .25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: 1991/03/12
CHECKED BY: S.KUNISHI DATE: 1998/07/07
APPROVED BY: FSMITH DATE: 2010/04/09

TITLE
MINI-FIT JR
OVERALL TIN
MALE CRIMP TERMINAL

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5558****
SHEET NO.: 2 OF 2

SIZE B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

产品编号 ： 39000067
Product Description ： Mini-Fit Male Crimp Terminal, Tin (Sn) over Phosphor Bronze, 22-28 AWG, Reel
系列号 ： 5558
状态 ： Active
Product Category ： Crimp Terminals
工程编号 ： 5558-PBT2
Packaging Alternative ： 0039000068 (Bag)



文件和资源

图纸

图纸　039000067_sd.pdf
包装设计图　55580001-PK-000.pdf

规格

应用规格　55560001-AS-000.pdf
产品规格　55560002-PS-ES-000.pdf
产品规格　PS-5556-002-001.pdf
产品规格　55560002-PS-CH-000.pdf
产品规格　55560002-PS-SK-000.pdf
产品规格　PS-5556-001-001.pdf
测试摘要　TS-5556-002-001.pdf
测试摘要　55560010-TS-000.pdf

产物环境合规

合规

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	Crimp Terminals
系列	5558
说明	Mini-Fit Male Crimp Terminal, Tin (Sn) over Phosphor Bronze, 22-28 AWG, Reel
应用	Power, Wire-to-Wire
产品系列	Mini-Fit Family Power Connectors
产品名称	Mini-Fit
UPC	800754394024

电气

每触点最大电流	9.0A
电压 - 最大	600V

物理

耐用性(插拔次数) - 最多次数	30
性别	男
材料 - 金属	Phosphor Bronze
材料 - 接合部位电镀	Tin
材料 - 终端电镀	Tin
净重	0.120/g
包装形式	Reel

最薄镀层 - 接合部位	0.889µm
最薄镀层 - 端接	0.914µm
终端界面类型	Crimp or Compression
导线绝缘直径	0.90-1.80mm
线径规格 (AWG)	22, 24, 26, 28
线缆尺寸mm²	不适用

进程

无铅	不适用

可连接使用部件

描述	产品编号
Mini-Fit Jr. Plug Housings	5559
Mini-Fit BMI Dual Row Plug Housings	42475

施工工具

全局

描述	产品编号
Extraction Tool for Mini-Fit Jr. Terminals	0011030044
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 22-28 AWG	0638191000
FineAdjust Applicator for Insulation Diameter 1.30-1.50mm, 22-28 AWG Wire	0639002700
FineAdjust Applicator for Insulation OD 1.10-1.30mm - 22-28 AWG	0639020200
FineAdjust Applicator for Insulation OD 0.95-1.08mm - 22-28 AWG	0639023800
T2 Terminator for Insulation OD 1.30-1.50mm, 22-28 AWG	0639102700
T2 Terminator for insulation OD 1.10-1.30mm - 22-28 AWG	0639120200
T2 Terminator for Insulation Diameter 0.95-1.08mm, 22-28 AWG	0639123800