

Distributed by:

JAMECO[®]
ELECTRONICS

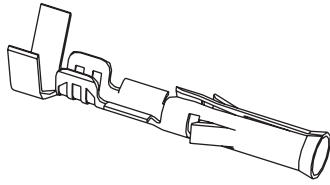
www.Jameco.com ♦ 1-800-831-4242

The content and copyrights of the attached
material are the property of its owner.

Jameco Part Number 1959791

2.36mm (.093") Pin Diameter .093" Pin and Socket Female Terminals

Standard .093" and 3191



Features and Benefits

- Available in Tin or Gold platings
- Available in Brass or Phosphor Bronze base materials
- Accommodates 14 to 30 gauge wire
- Available in crimp or PC tail versions

Reference Information

Packaging: Bag or reel
UL File No.: E29179
CSA File No.: LR19980
Designed In: Inches

Electrical

Current: Standard Terminal—14.0A max.*
High Current Terminal—17.0A max.*
Contact Resistance: 10 milliohms max.

Mechanical

Contact Insertion Force: 22.29N max.
Contact Retention Force: 88.96N min.
Mating force: 15.57N max.
Unmating Force: 4.45N max.
Durability: Tin plating—25 cycles max.
Gold plating—50 cycles max.

Physical

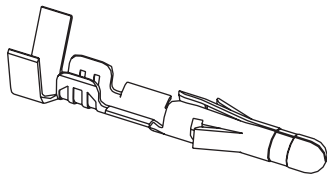
Contact: Brass or Phosphor Bronze
Plating: Tin or Gold
Operating Temperature: -40 to +105°C
Strip Length: See tooling section

* Depending on circuit size and wire gauge. Please refer to product specifications

Type	Plating	Crimp Wire Size	Insulation Diameter	Series	Order No.		Lead-free
					Chain Form	Loose Form	
Standard Brass .010"	Tin	14-20	1.65/4.06 (.065/.160)	1189	02-09-1102	02-09-1104	Yes
		18-22	1.52/3.05 (.060/.120)	1381	02-09-1117	02-09-1119	
		22-24	1.27/1.78 (.050/.070)	2871	02-09-1138	02-09-1139	
		24-30	0.76/1.52 (.030/.060)	1433	02-09-1142	02-09-1144	
	15µ" Gold	14-20	1.65/4.06 (.065/.160)	1189	02-09-5100	02-09-5106	
		18-22	1.52/3.05 (.060/.120)	1381	02-09-5143	02-09-5142	
		24-30	0.76/1.52 (.030/.060)	1433	02-09-5146	02-09-5147	
	50µ" Gold	14-20	1.65/4.06 (.065/.160)	1189	02-09-5102	02-09-5111	
		18-22	1.52/3.05 (.060/.120)	1381	02-09-5130	02-09-5133	
.013" High Current/Low Force	Tin	14-18	3.56 (.140) max.	42477	02-09-1615	02-09-1616	
PC Tail for Standard .093" Housing	Tin			1377		02-09-1134	
	30µ" Gold				02-09-5132		
Phos-Bronze .010"	Tin	14-20	1.65/4.06 (.065/.160)	4550	02-09-1205	02-09-1206	
		18-22	1.52/3.05 (.060/.120)	2151	02-09-1203	02-09-1204	
	30µ" Gold	14-20	1.65/4.06 (.065/.160)	4550	02-09-5169	02-09-5170	

2.36mm (.093") Pin Diameter .093" Pin and Socket Male Terminals

Standard .093" and 3191



Features and Benefits

- Available in Tin or Gold platings
- Available in Brass or Phosphor Bronze base materials
- Accommodates 14 to 30 gauge wire
- Available in crimp or PC tail versions

Reference Information

Packaging: Bag or reel
UL File No.: E29179
CSA File No.: LR19980
Designed In: Inches

Electrical

Current: Standard terminal—14.0A max.*
High Current Terminal—17.0A max.*
Contact Resistance: 10 milliohms max

Mechanical

Contact Insertion Force: 22.24N max.
Contact Retention Force: 88.96N min.
Mating Force: 15.57N max.
Unmating Force: 4.45N max.
Durability: Tin plating—25 cycles max.
Gold plating—50 cycles max.

Physical

Contact: Brass or Phosphor Bronze
Plating: Tin or Gold
Operating Temperature: -40 to +105°C

* Depending on circuit size and wire gauge; please refer to product specifications

Type	Plating	Crimp Wire Size	Insulation Diameter	Series	Order No.		Lead-free
					Chain Form	Loose Form	
Standard Brass .010"	Tin	14-20	1.65/4.06 (.065/.160)	1190	02-09-2101	02-09-2103	Yes
		18-22	1.52/3.05 (.060/.120)	1380	02-09-2116	02-09-2118	
		22-24	1.27/1.78 (.050/.070)	2870	02-09-2136	02-09-2137	
		24-30	0.76/1.52 (.030/.060)	1434	02-09-2141	02-09-2143	
	15µ" Gold	14-20	1.65/4.06 (.065/.160)	1190	02-09-6100	02-09-6106	
		18-22	1.52/3.05 (.060/.120)	1380	02-09-6122	02-09-6123	
		24-30	0.76/1.52 (.030/.060)	1434	02-09-6144	02-09-6145	
	50µ" Gold	14-20	1.65/4.06 (.065/.160)	1190	02-09-6101	02-09-6110	
		18-22	1.52/3.05 (.060/.120)	1380	02-09-6125	02-09-6126	
Grounding Pin	Tin	14-18	1.65/3.56 (.065/.140)	1973-2	02-09-8108	02-09-8109	
		18-22	1.52/3.05 (.060/.120)	1973	02-09-8103	02-09-8104	
.013" High Current/Low Force	Tin	14-18	3.56 (.140) max.	42478	02-09-2611	02-09-2612	
PC Tail for Standard .093" Housing	Tin			1376		02-09-2134	
	30µ" Gold			1376		02-09-6132	

PRODUCT SPECIFICATION 02-09

1.0 SCOPE

1.1 This specification covers the .093 diameter pin and socket terminal product line with their associated connector housings designed for use on copper wire.

2.0 PRODUCT DESCRIPTION

2.1 The product line described in general terms is found in catalog M200. The standard connector is made in 1, 2, 3, 4, 5, 6, 9, 12, and 15 circuit sizes. Connector plugs and receptacles are nylon and provided with optional mounting ears for snap-in panel mounting. The housing accepts wire ranges 30 thru 14 AWG wires and insulation diameter range of .030 thru .160 inches.

2.2 Besides the standard connector housing, a special housing is available that has .250" center to center spacing between terminals and is approved for use in the European market (VDE). The connector is made in 3, 6, 9 and 15 circuit sizes. Terminals are identical to standard housing terminals.

3.0 RECOGNIZED AGENCY APPROVALS

3.1 Underwriters' Laboratories: E29179

3.2 Canadian Standards Association: 19980

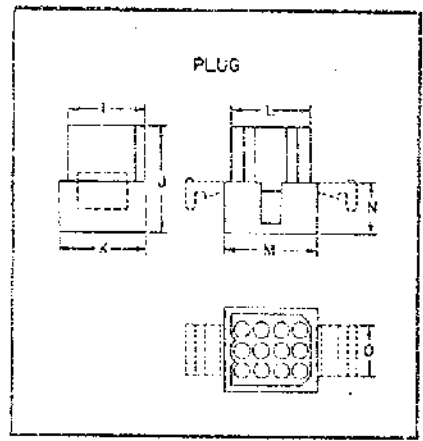
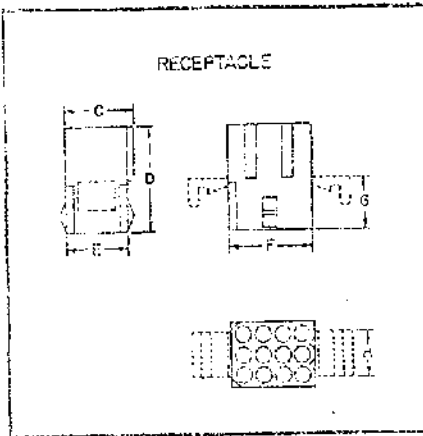
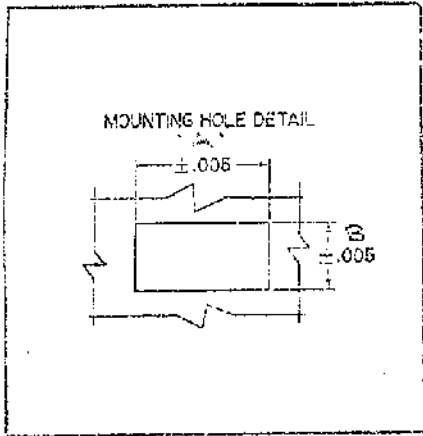
3.3 European Standards Association: VDE approval (Connector mentioned in 2.2 only)

REVISIONS A REUSED # 10-28-71 HC/4/4 B SALES/4/4 C X RELEASE 10-28-71 D SALES/4/4	UNLESS OTHERWISE SPECIFIED TOLERANCES: 3-PLACE DEC. DIMS ± .008 2-PLACE DEC. DIMS ± .010 FRACTIONAL DIMS ± 1/64 ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS, UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	DRAWN BY CHW/BJ	SCALE 1:1	.093 STANDARD PIN TERMINALS	
		MOLEX PRODUCTS CO.		DATE 4/27/71	PS. -02-09
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO THE MOLEX PRODUCTS COMPANY AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				DOWNERS GROVE, ILL. 60515, U.S.A.	

4.0 MECHANICAL SPECIFICATIONS

4.1 Materials, dimensions

4.1.1 Standard .198" Center to center spacing on Nylon connector housing

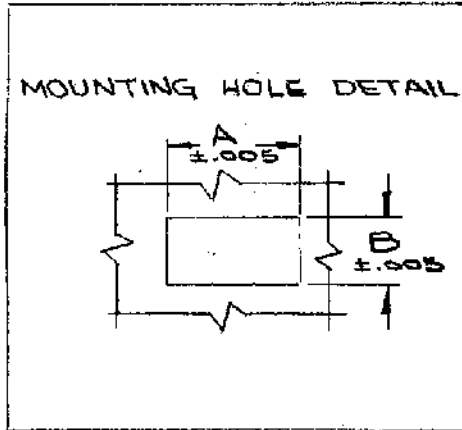


ENG. NO.	1619		1545		1396		1490		1653		1261		1292		1360		1375	
NO. OF CIRCUIT	1		2		3		4		5		6		9		12		15	
	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P	R	P
A	N/A	N/A	.725	.800	.840	.933	1.038	1.131	N/A	N/A	.718	.750	.828	.937	1.050	1.155	1.240	1.343
B	N/A	N/A	.312	.375	.312	.375	.312	.375	N/A	N/A	.600	.695	.725	.725	.655	.760	.655	.760
C	.234 Dia.		.250		.234		.236		.234		.632		.625		.633		.632	
D	.990		1.000		1.031		1.000		1.000		1.031		1.031		1.031		1.031	
E	N/A		.250		.234		.236		.234		.632		.625		.633		.632	
F	N/A		.536		.671		.868		1.066		.434		.666		.870		1.067	
G	N/A		.442		.442		.437		.437		.442		.442		.442		.442	
H	N/A		.250		.234		.236		N/A		.562		.562		.562		.562	
I	.241 Dia.		.257		.240		.338		.250		.734		.634		.634		.629	
J	.968		.968		.968		.968		.968		.968		.968		.968		.968	
K	.353 Dia.		.352		.338		.338		.343		.733		.730		.737		.734	
L	N/A		.531		.566		.864		1.066		.536		.775		.975		1.169	
M	N/A		.640		.773		.971		1.171		.536		.775		.975		1.169	
N	N/A		.421		.421		.421		.421		.421		N/A		.421		.421	
O	N/A		.250		.244		.245		N/A		.562		.562		.562		.562	

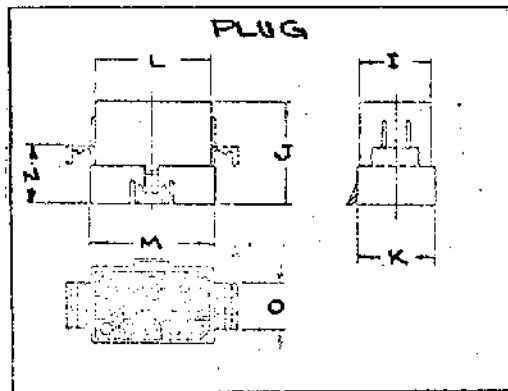
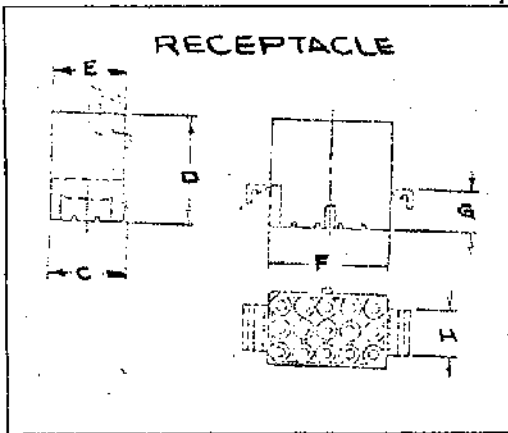
Dimensions subject to nominal variation N/A—Not Applicable.
 Dimensions C to O are included for reference only.

F SEE SHT. 1 FILMED MICROFILMED D 22 JAN 74 C 10-8-13 E 16-28-71 REVISIONS	UNLESS OTHERWISE SPECIFIED TOLERANCES: 9-PLACE DEC. DIMS ±.005 2-PLACE DEC. DIMS ±.010 FRACTIONAL DIMS ±1/64 ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS. UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	SCALE 2	.093 STANDARD PIN TERMINALS	
		DRAWN BY CHK'D BY SCALE 4/3	MOLEX PRODUCTS CO. DATE 4/27/71	
		DOWNERS GROVE, ILL. 60515, U.S.A.		PS -02-09
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO THE MOLEX PRODUCTS COMPANY AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				

4.1.2 Special .250-inch center to center spacing molded Nylon connectors



	1991-3		1991-6		1991-9		1991-15	
	R	P	R	P	R	P	R	P-2
A	.920	1.022	.946	1.048	.946	1.048	1.442	1.552
B	.310	.365	.608	.658	.850	.910	.850	.910
C	.300		.59		.83		.83	
D	1.14		1.14		1.14		1.14	
E	.250		.54		.79		.79	
F	.76		.79		.79		1.28	
G	.45		.44		.44		.44	
H	.25		.37		.50		.50	
I	.254		.54		.79		.79	
J	1.10		1.10		1.10		1.10	
K	.35		.64		.89		.89	
L	.760		.79		.79		1.28	
M	.862		.89		.89		1.39	
N	.422		.42		.42		.63	
O	.25		.37		.50		.50	



Dimensions C thru O are subject to nominal variation and are given for reference only.

F SEE SAT. 1	MICROFILMED	D 22-446-74	C 110-8-73	REVISIONS	UNLESS OTHERWISE SPECIFIED TOLERANCES: 3-PLACE DEC. DIMS ±.005 2-PLACE DEC. DIMS ±.010 FRACTIONAL DIMS ±1/64 ANGULAR ±1/2°	DRAWN BY E.R.	CHECKED BY C.M.	SCALE	.093 STANDARD PIN TERMINALS	
									MOLEX PRODUCTS CO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS. UNLESS OTHERWISE SPECIFIED.						MOLEX		DOWNERS GROVE, ILL. 60515, U.S.A.		
DO NOT SCALE DRAWING						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO THE MOLEX PRODUCTS COMPANY AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		PS -02-09		

.093 STANDARD PIN TERMINALS

4.1.3 Terminals: Refer to sales drawing 02-09-* (SD-1190 Series)

4.2 Ambient temperature range: -40°C to 105°C.

4.3 Humidity:

4.3.1 Test method - exposure period shall be 96 hours with a 95% to 100% relative humidity and a temperature of 100° ± 5°F. A one ampere current shall be placed through a male/female assembly within one hour after removing from the Humidity Chamber. (18 AWG stranded wire).

4.3.2 Requirement - the maximum MV drop across both terminals shall be 15 MV. The probe should be placed on the wire approximately 1" from the crimp barrel.

4.4 Engage/Disengage Forces for standard terminal (.010 stock 70/30 brass):

4.4.1 Initial typical plug and receptacle - Engage/Disengage forces:

Single Circuit	ENGAGE	DISENGAGE	ENGAGE (lbs.)		DISENGAGE (lbs.)	
			Min.	Max.	Min.	Max.
2 circuit	3.5 Tbs.	2.75 lbs.	2.	6.4	.9	5.6
3 circuit	7.0	5.5				
4 circuit	10.5	8.25				
5 circuit	14.0	11.0				
6 circuit	17.5	13.75				
9 circuit	21.0	16.5				
12 circuit	31.5	24.75				
15 circuit	42.0	33.0				
	52.5	41.25				

NO DIMPLE

WITH DIMPLE

4.4.2 Terminal Insertion and Retention in Connector Housing.

(E) INSERTION RETENTION

Male & Female 3 Lbs. 8 Ozs. Max. 20 Lbs. Min.

4.5 Terminal crimp strength - a minimum pull out force in pounds is given in the following table for various wire sizes (AWG).

WIRE GAGE	14	16	18	20	22	24	26	28	30
PULL OUT FORCE (LBS.)	35	30	25	15	10	8	5	3	2

5.0 ELECTRICAL SPECIFICATIONS

5.1 Rated Voltages, Currents

5.1.1 Standard Housings

Catalog Number	Configuration	No. of Circuits	Plug		Receptacle				*Per Circuit	
			WITH EARS	WITHOUT EARS	WITH MTS. EARS ONLY	WITH HOLDING TABS ONLY	WITH EARS AND TABS	WITHOUT EARS OR TABS	Max. Amp.	Max. Volts
			1619	Plug	1		P			
1619	Receptacle	1				R			12	250
1545	Plug	2	P	P-1					12	250
1545	Receptacle	2				R-1	R		12	250
1396	Plug	3	P	P-1					12	250
1396	Receptacle	3				R-1	R		12	250
1490	Plug	4	P	P-1					9	250
1490	Receptacle	4				R-1	R		9	250
1653	Plug	5		P-1					9	250
1653	Receptacle	5				R-1			9	250
1261	Plug	6	P	P-1					9	250
1261	Receptacle	6			R-1		R	R-2	9	250
1292	Plug	9	P	P-1					9	250
1292	Receptacle	9			R-1	R-3	R	R-2	9	250
1360	Plug	12	P-1	P					7.5	250
1360	Receptacle	12			R			R-1	7.5	250
1375*	Plug	15	P-2						7.5	250
1375	Receptacle	15			R				7.5	250

*Also available with pull tabs and without mounting ears (P)

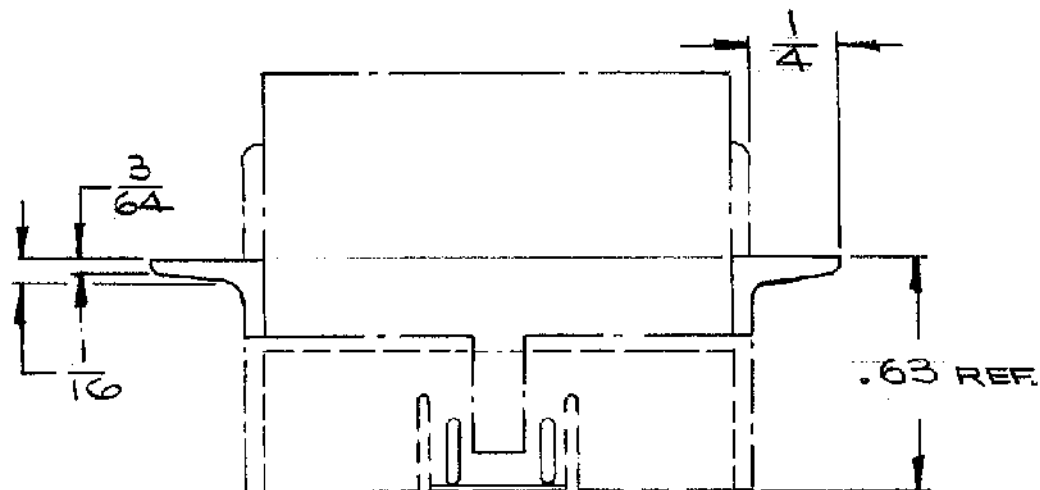
*For 30° C. Rise

F SEE SHT. 1	FILMED MICROFILMED	D 22-JAN-74	C 10-8-73	B 10-28-71	REVISIONS	UNLESS OTHERWISE SPECIFIED TOLERANCES:		SCALE 2	.093 STANDARD PIN TERMINALS	
						3-PLACE DEC. DIMS ± .008	MOLEX PRODUCTS CO.		DATE	4/27/71
						2-PLACE DEC. DIMS ± .010			PSX-02-09	
FRACTIONAL DIMS ± 1/64	DOWNERS GROVE, ILL. 60515, U.S.A.									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS, UNLESS OTHERWISE SPECIFIED.						DRWS BY	CHKD BY	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO THE MOLEX PRODUCTS COMPANY AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		
DO NOT SCALE DRAWING										

5.1.2 Special .250 spacing housings

CATALOG NUMBER	CONFIGURATION	NO. OF CIRCUITS	PLUG			RECEPTACLE		* PER CIRCUIT	
			WITH MOUNTING EARS	WITH PULL TABS	NEITHER	MOUNTING EARS WITH	WITHOUT	MAX. AMP	MAX. VOLT
1991-3	Plug	3	P		P-1			11	600
1991-3	Rec.	3				R	R-1	11	600
1991-6	PLUG	6	P		P-1			*9	600
1991-6	REC	6				R	R-1	*9	600
1991-9	Plug	9	P		P-1			8	600
1991-9	Rec.	9				R	R-1	8	600
1991-15	Plug	15	P-2	P				6	600
1991-15	Rec.	15				R	R-1	6	600

* For 30° C. Rise



PULL TAB DETAIL

F SEE SHIP. Z MICROFILMED D 22 JAN 74 C 10-8-73 B 10-28-71 REVISIONS	UNLESS OTHERWISE SPECIFIED TOLERANCES: 3-PLACE DEC. DIMS ± .005 2-PLACE DEC. DIMS ± .010 FRACTIONAL DIMS ± 1/64 ANGULAR ± 1/2°	SCALE DRAWN BY CHECKED BY ER	.093 STANDARD PIN TERMINALS MOLEX PRODUCTS CO. DOWNERS GROVE, ILL. 60515, U.S.A.	DATE 5-14-73 PS-02-09
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS, UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO THE MOLEX PRODUCTS COMPANY AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	molex	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO THE MOLEX PRODUCTS COMPANY AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			

5.2 Terminal Resistance (Voltage Drop) MV Drop/Amp.

- 1) 1st Terminal Engagement 3.0 MV ± 10%
- 2) 10th Terminal Engagement 3.1 MV ± 10%

The voltage drop includes the mated terminals plus both crimps. The probe should be placed on the wire approximately 1" from the crimp barrel. (18 AWG stranded wire).

5.3 High Voltage Test

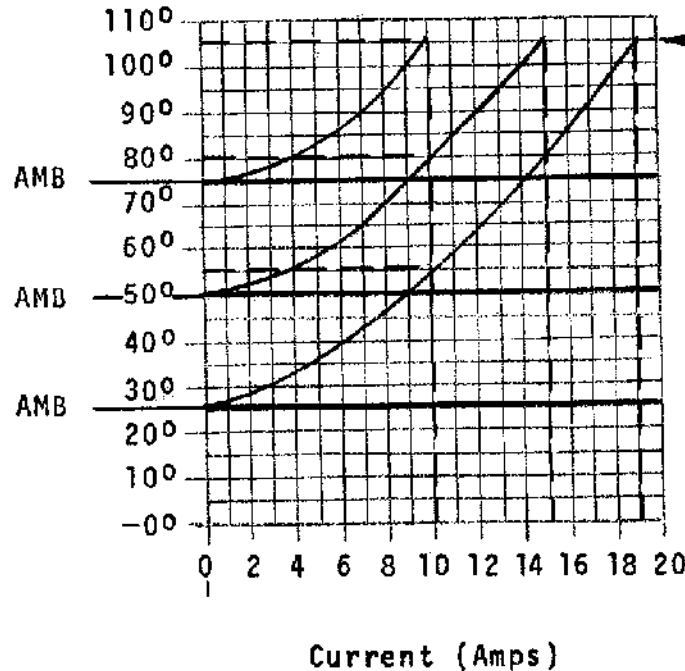
Terminals mounted in a connector must withstand 1500 volts RMS applied between adjacent terminals for 60 seconds without breakdown.

Reference: QC Spec M-50-001

F SEE SMT. 1	FILMED MICROFILMED	D 22 JAN-74	C 10-8-73	B 10-28-71	REVISIONS	UNLESS OTHERWISE SPECIFIED TOLERANCES: 3-PLACE DEC. DIMS ± .005 2-PLACE DEC. DIMS ± .010 FRACTIONAL DIMS ± 1/64 ANGULAR ± 1/2°	SCALE	2	.093 STANDARD PIN TERMINALS	MOLEX PRODUCTS CO.	DATE	4/27/71
							CHKD BY	W			PS -02-09	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS, UNLESS OTHERWISE SPECIFIED.						DO NOT SCALE DRAWING	DRWG BY		DOWNERS GROVE, ILL. 60515, U.S.A.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO THE MOLEX PRODUCTS COMPANY AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	

5.4 Heat Rise vs. Current to 105°C/221°F. (Typical temperatures for 1360 Connector, same current all circuits, 14 AWG wire)
Applications requiring current levels over the recommended values in 5.1 are possible. However, those applications must be reviewed by Molex before any recommendations can be made.

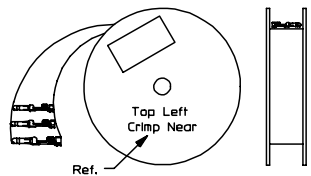
°C Heat Rise
over ambient



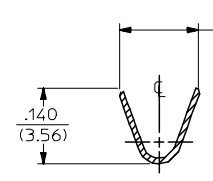
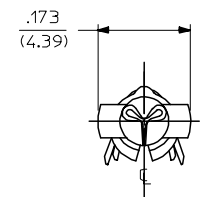
Housing insulation rating
for Nylon Zytel 101

A	F SEE SHIT 1	FILMED MICROFILMED	22-JAN-74	ADDED THIS PAGE 18 OF 8 X REL2290X 10-873 JHL	UNLESS OTHERWISE SPECIFIED TOLERANCE:		TITLE	
					3 PLACE DEC. DIMS \pm .008	2 PLACE DEC. DIMS \pm .010	.093 STANDARD PIN TERMINALS	
					1 PLACE DEC. DIMS \pm .015	ANGULAR 1/2°	MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING.		DATE	REV.
DRWG. BY <i>J.H.L.</i>		CHK'D BY		PART NO.		ENG. NO.		
APP'D BY <i>[Signature]</i>		SCALE		PS/-02-09		10/8/73		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								

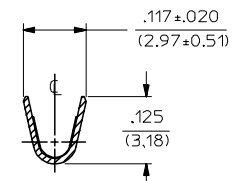
PART NO.	ENG. NO.
02-09-2118	1380-(P901)L
02-09-2116	1380-(P901)
02-09-2127	1380-(P901)1
02-09-6126	1380-(591)L
02-09-6125	1380-(591)
02-09-6123	1380-(550)L
02-09-6122	1380-(550)
02-09-2119	1380-A(P901)L
02-09-2117	1380-A(P901)



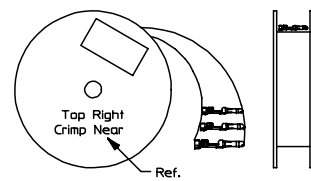
REWOUND CHAIN



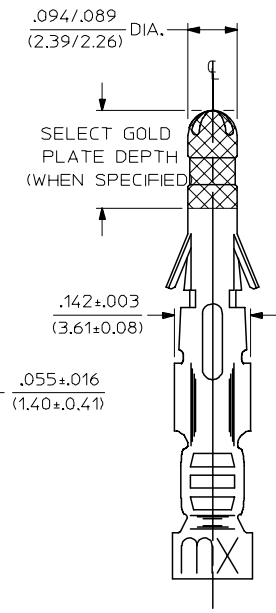
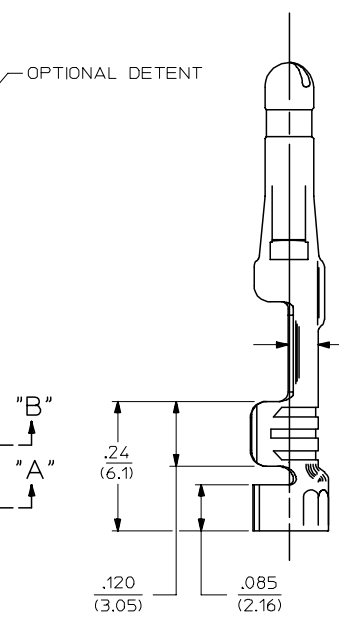
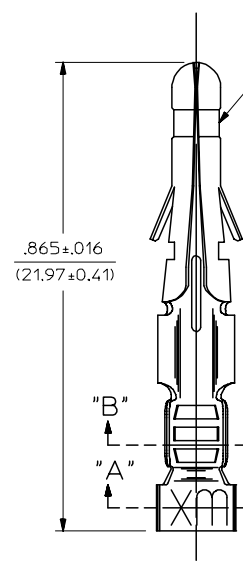
SECT. "A-A"



SECT. "B-B"



STANDARD CHAIN



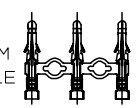
LEGEND

1380-*(***)*
 OPTIONAL DETENT
 BLANK = WITH DETENT
 A = WITHOUT DETENT
 P = PREPLATE
 BLANK = POSTPLATE
 FORM
 BLANK = STD. CHAIN
 A = REWOUND CHAIN
 L = LOOSE
 1 = STD. CHAIN WITH INTERLEAF PAPER
 FINISH CODE
 (SEE NOTE 2)

NOTES:

- MATERIAL: BRASS
- FINISH:
 - 999 UNPLATED
 - 901 HOT TIN DIP .000020/(0.00051) MIN.
 - 591 SELECT GOLD PLATE .000050/(0.00127) MIN. IN CONTACT AREA, OVER .000050/(0.00127) MIN. NICKEL OVERALL WITH .000010/(0.00025) MAX. GOLD FLASH OVERALL.
 - 550 SELECT GOLD PLATE .000015/(0.00038) MIN. IN CONTACT AREA, OVER .000030/(0.00076) MIN. NICKEL OVERALL WITH .000010/(0.00025) MAX. GOLD FLASH OVERALL.
- PRODUCT SPECIFICATION: PS-02-09.
- PACKAGING INFORMATION: NOT AVAILABLE
- TERMINAL FOR USE WITH .093/(2.36) SERIES HOUSINGS AND WILL ACCEPT 18 THRU 22 AWG
- INSERTION FORCE: 3.5 LBS. MAX. WHEN TERMINAL IS INSERTED INTO AN .093 SERIES HOUSING.
- TERMINAL RETENTION: 20 LBS. MIN. FROM HOUSING.

CHAIN FORM FULL SCALE



REVISED/REDRAWN FC NO: UCP2004-2354 DRAWN:RHOLTS 2005/07/20 CHKD:FSMITH 2005/07/20 APPR:FSMITH 2005/07/20 BV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 6:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	DESCRIPTION	mm	DIMENSION STYLE IN/MM		TITLE CRIMP TERMINAL .093 DIA., MALE FOR 18 THRU 22 AWG. WIRE	
		INCH	DRAWN BY GEP	DATE 1987/11/06		
		4 PLACES ±.010 ±.010 3 PLACES ±.010 ±.010 2 PLACES ±0.25 ±.14 1 PLACE ±0.35 ±.14	ANGULAR ±1/2°	CHECKED BY RW	DATE 1987/11/06	
	DRAFT WHERE APPLICABLE	APPROVED BY RAS	DATE 1987/11/06	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-1380-*	SHEET NO. 1 OF 1
	MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				