Excellent Integrated System Limited

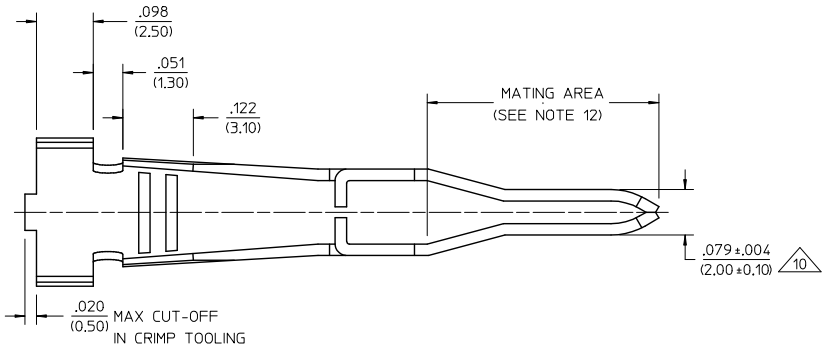
Stocking Distributor

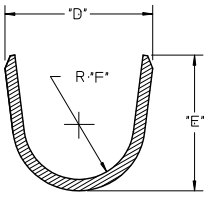
Click to view price, real time Inventory, Delivery & Lifecycle Information:

Molex Connector Corporation
0428170112

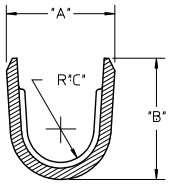
For any questions, you can email us directly:
sales@integrated-circuit.com

Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0428170112 - MINIFIT SR M CRP TERM 10-12AWG
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

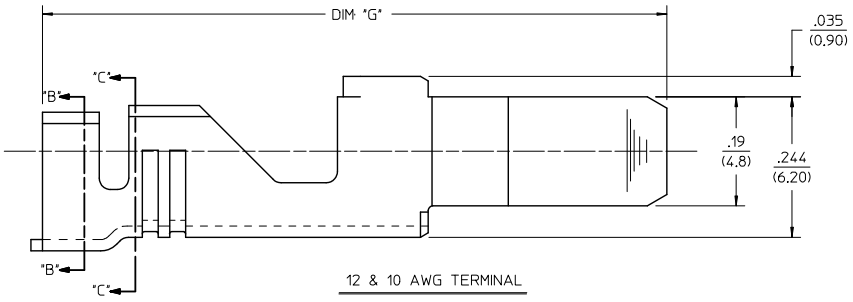




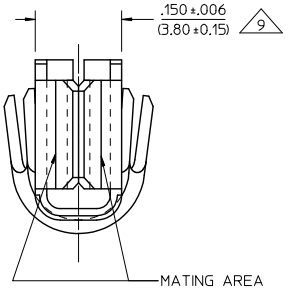
SECTION B-B

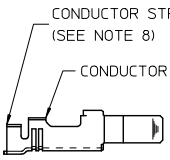


SECTION C-C
(BACKGROUND OMITTED)

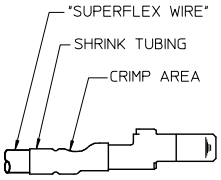


12 & 10 AWG TERMINAL

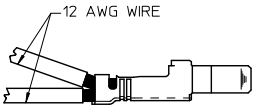




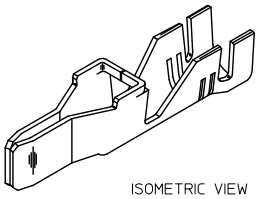
8 AWG TERMINAL
(SEE NOTE 8)



8 AWG TERMINAL
(SEE NOTE 11)



8 AWG TERMINAL
12 AWG DOUBLE CRIMP
(SEE NOTE 13)



ISOMETRIC VIEW
(SCALE 4:1)

METRIC WIRE	2015/05/28		
EC NO: UCP2015-5009	2015/05/28		
DRWN: MONTI	2015/06/04		
CHKD: BANDERSON			
APPR: FSMITH			
DESCRIPTION			
REV			
H4			

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .016
1 PLACE	± 0.40	± ---
0 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	IN/MM
SCALE	8:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	RJF
DATE	1/7/92
CHECKED BY	RJF
DATE	1/7/92
APPROVED BY	RAS
DATE	1/7/92
TITLE	MALE CRIMP TERMINAL, 12, 10 & 8AWG MINIFIT SR.
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SD-42817-*
SHEET NO.	1 OF 2
SIZE	C

molex

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Rev. G 2012/01/11

Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0428170112 - MINIFIT SR M CRP TERM 10-12AWG
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

ITEM NUMBER	WIRE RANGE	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F	DIM. G	MAX. INSULATION DIAMETER	PLATING	STATUS
42817-0011	12 & 10 AWG (5 & 6mm²)	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	R.067 (1.70)	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	R.087 (2.20)	1.087 (27.60)	.209 (5.30) DIA.	OVERALL TIN	PLANNED FOR OBSOLESCENCE
42817-0031	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	R.067 (1.70)	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	R.087 (2.20)	1.087 (27.60)	.260 (6.60) DIA.		
42817-0111	12 & 10 AWG (5 & 6mm²)	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	R.067 (1.70)	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	R.087 (2.20)	1.165 (29.60)	.209 (5.30) DIA.		
42817-0131	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	R.067 (1.70)	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	R.087 (2.20)	1.165 (29.60)	.260 (6.60) DIA.		
42817-0012	12 & 10 AWG (5 & 6mm²)	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	R.067 (1.70)	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	R.087 (2.20)	1.087 (27.60)	.209 (5.30) DIA.	SELECT GOLD	ACTIVE
42817-0032	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	R.067 (1.70)	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	R.087 (2.20)	1.087 (27.60)	.260 (6.60) DIA.		
42817-0112	12 & 10 AWG (5 & 6mm²)	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	R.067 (1.70)	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	R.087 (2.20)	1.165 (29.60)	.209 (5.30) DIA.		
42817-0132	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	R.067 (1.70)	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	R.087 (2.20)	1.165 (29.60)	.260 (6.60) DIA.		
42817-1014	12 & 10 AWG (5 & 6mm²)	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	R.067 (1.70)	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	R.087 (2.20)	1.087 (27.60)	.209 (5.30) DIA.	SELECT SILVER	ACTIVE
42817-1034	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	R.067 (1.70)	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	R.087 (2.20)	1.087 (27.60)	.260 (6.60) DIA.		
42817-1114	12 & 10 AWG (5 & 6mm²)	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	R.067 (1.70)	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	R.087 (2.20)	1.165 (29.60)	.209 (5.30) DIA.		
42817-1134	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	R.067 (1.70)	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	R.087 (2.20)	1.165 (29.60)	.260 (6.60) DIA.		

NOTES:
1) MATERIAL: COPPER ALLOY 151, .020/(.50) THICK.
2) PLATING:
   1= .000100/(.00254) MIN.TIN OVER .000050/(.00127) MIN.NICKEL.
   2= .000030/(.00076) MIN. SELECT GOLD IN CONTACT AREA. .000100/(.00254) MIN. SELECT TIN ON SOLDER TAILS OVER .000050/(.00127) MIN. NICKEL.
   4= .000100/(.00254) MINIMUM SELECT SILVER IN CONTACT AREA. .000100/(.00254) MIN. SELECT TIN ON SOLDER TAILS OVER .000050/(.00127) MIN. NICKEL.
3) PRODUCT SPEC: PS-42815-001.
4) PACKAGING INFORMATION: PK-42815-001.
5) PART IS DESIGNED IN METRIC.
6) TERMINALS FOR USE WITH STRANDED WIRE ONLY.
7) ITEM NUMBERS PRECEEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE.
8) THE 8 AWG TERMINAL HAS NO INSULATION CRIMP.THE SECONDARY CRIMP SECTION ACTS AS A STRAIN RELIEF ON THE BARE CONDUCTOR ONLY. SEE MOLEX CRIMP SPECIFICATION FOR DETAILS.
9) AFTER CRIMPING, THIS DIMENSION IS .140/(3.55) MINIMUM.
10) AFTER CRIMPING, THIS DIMENSION IS .089/(2.25) MINIMUM.
11) WHEN USING THE 8 AWG TERMINAL WITH "HI-FLEX" WIRE, MOLEX STRONGLY RECOMMENDS THAT THE APPROPRIATELY RATED HEAT SHRINK INSULATION BE APPLIED OVER THE WIRE INSULATION AND CRIMP AREA, AS SHOWN. TO MINIMIZE WIRE INSULATION CREEPAGE OUTSIDE OF HOUSING.
12) WHEN USING OVERALL TIN PLATED TERMINALS. FOR APPLICATIONS INVOLVING VIBRATION AND/OR THERMAL CYCLING. MOLEX STRONGLY RECOMMENDS THE USE OF NYE LUBRICANT,NYOGEL 760G. ON THE MATING AREA OF THE TERMINAL. LUBRICANT SHOULD BE APPLIED AFTER THE TERMINALS ARE INSERTED INTO THE HOUSING. REFER AS-42815-001 FOR ADDITIONAL INFORMATION.
13) THE 8 AWG TERMINAL WILL ALSO ACCOMODATE 2 12 AWG WIRES SEE CRIMP SPEC FOR DETAILS.

SEE SHEET 1
EC NO: UCP2015-5009 2015/05/28
DRWN: MONTI 2015/05/28
CHKD: BANDERSON 2015/06/04
APPR: FSMITH
DESCRIPTION
REV
H4

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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1 PLACE	± 0.40	± ---
0 PLACE	± ---	± ---

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 8:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	RJF	1/7/92
CHECKED BY	RJF	1/7/92
APPROVED BY	RAS	1/7/92

TITLE: MALE CRIMP TERMINAL, 12, 10 & 8AWG MINIFIT SR.
molex
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-42817-*
SHEET NO.: 2 OF 2
SIZE: C

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