# Blade-Type Connectors AMP Timer Connectors

### Timer Housings, Loaded, with **Locking Spring and Seal**

### **METRIC**

### **Product Facts**

- Housing of flame-retardant polyamide
- Unmistakable keying
- Additional contact locking device
- Temperature Range— -40°C to +110°C
- Creepage distance and air gap according to requirements
- Track resistance KC 250







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No. of	Color	Material		Part Numbers	
ositions	COIGE		Type A	Туре В	Туре С
	not val	glass-filled 13%		825414	
	natural	glass-filled 30%		1-825414-0	
	light grey	glass-filled 30%	<del>_</del>		827551-1
	arou.	glass-filled 13%	826008-1	825414-1	
	grey	glass-filled 30%	1-826008-1	1-825414-1	827551-2
		glass-filled 13%	826008-2	825414-2	
	green	glass-filled 30%	1-826008-2	1-825414-2	827551-6
	L	glass-filled 13%	826008-3	825414-3	
	blue	glass-filled 30%	1-826008-3	1-825414-3	827551-5
	1.41	glass-filled 13%	826008-5	825414-5	-
	black	glass-filled 30%	1-826008-5	1-825414-5	827551-3
		glass-filled 13%	826008-6	825414-6	_
2	brown	glass-filled 30%	1-826008-6	1-825414-6	827551-4
	white	glass-filled 13%	826008-7		
		glass-filled 13%	826008-8	_	
	yellow	glass-filled 30%	_		827551-8
	red	glass-filled 30%	-	_	827551-7
	black		Articus .	828739-11	828657-3 <sup>2</sup>
	natural			828739-21	828657-1 <sup>2</sup>
	red	-	<u>.</u>	828739-31	828657-7²
	grey		<del></del>		828657-2²
	brown	_			828657-4²
	blue	-			828657-5²
	green				828657-6²
					828748-3²
	yellow	_	_		828657-8²
		·			827546-3²
_	black	glass-filled 30%			1-827578-1
					828748-22
	grey	glass-filled 30%	<del></del>		1-827578-2
				· · · · -	828748-1 <sup>2</sup>
	white	<del></del>	<del></del>	<del>-</del> ·	1-827578-3³
		-			828748-6²
3	green	_			1-827578-4³
	black				828748-3²
	brown				828748-4²
	blue			_	828748-5²
	red				828748-7²
	yellow	_			828748-8 <sup>2</sup>
4			215897-1	-	
bla		glass-filled 30%			827579-1
	black	glass-filled 13%	827656-1		_
	grey	glass-filled 30%	_		827579-2
					963013-1²
7	<del></del>	glass-filled 13%	827216-1		
	black	glass-filled 13%			827572-1
	DIGON	glass-filled 30%			827580-1
7		glass-filled 30%			827580-2
7	arov				
7	grey			_	828893-1
7	grey		144410-1		828893-1

SOURCE: Catalog 124799

1-800-522-6752 Product Information Center/ AMP FAX Service

1-800-722-1111 Tooling/Technical Assistance Center

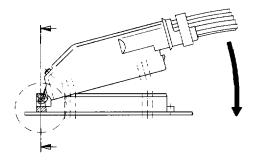
Blade-Type Connectors
AMP Timer Connectors

### **Additional Timer Housings**

### **METRIC**

### **Pivot Principle**

In order to connect high position connectors, there are two methods: pivot principle (sequential connection spread over an angle) or through the use of a insertion/extraction tool which allows parallel connection of male and female connectors.



### 12, 15, and 16 Position Housings

12 Position Part No. 827603-1

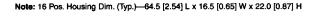
Mates with— Part No. 827229;

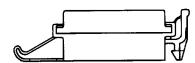
15 Position Part No. 926171-1 (black) Part No. 926171-2 (yellow)

Mates with— Part No. 826703 Part No. 827467

16 Position Part No. 827584-1 (black) Part No. 827584-2 (yellow)

Mates with— Part No. 827539 Part No. 828662





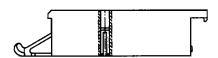
### **25 Position Housings**

25 Position Part No. 925470-1 (black) Part No. 925470-2 (yellow)

Mates with— Part No. 826140

25 Position Part No. 925471-1 (black) Part No. 925471-2 (yellow)

Mates with— Part No. 826141 Part No. 826195 Note: Housing Dim. (Typ.)—79.6 [3.13] L x 11.7 [0.46] W x 22.0 [0.87] H



### **Additional Timer Housings**

(Continued)

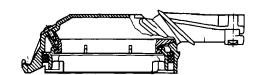
### 25 Position Housings

(Continued)

25 Position Part Numbers: Part Numbers: 827249-1 without Strain Relief 827249-2 with Strain Relief 827249-3 with Strain Relief 827249-4 with Strain Relief 827047-1

For Junior-Power-Timer Contacts Part No. 963317-1

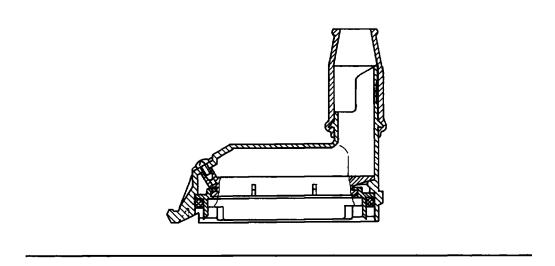
Mates with-Part No. 827050 Part No. 827019



Note: Housing Dim. (Typ.)—150.3 [5.92] L x 28.5 [1.12] W x 41.0 [1.61] H

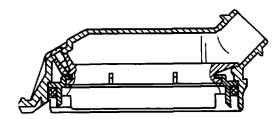
25 Position Part No. 963325-1

Mates with-Part No. 827050 Part No. 827019



25 Position Part No. 827591-1

Mates with-Part No. 827050 Part No. 827019



Blade-Type Connectors **AMP Timer Connectors** 

(Continued)

25 Position Part No. 827534-1

Mates with-Part No. 827535

25 Position Part No. 827553-1

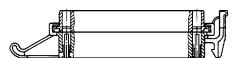
Mates with-Part No. 342651

**Additional Coding** Part No. 828923

Mates with-Part No. 344529



**Note:** Housing Dim. (Typ.)—88.0 [3.46] L x 16.2 [0.64] W x 22.0 [0.87] H



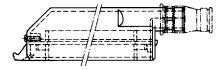
### 35 Position Housings

35 Position Part No. 826000-1 Part No. 826000-2 Part No. 826000-3 Part No. 826000-4 Part No. 826000-5 Part No. 826000-6

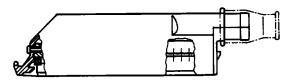
For Junior-Power-Timer Contacts

Part No. 963318-1 Part No. 963318-2 Part No. 963318-3 Part No. 963318-4

Mates with---Part No. 825213 Part No. 828822 Part No. 827408 Part No. 827398 Part No. 826115 Part No. 827399 Note: Housing Dim. (Typ.)-149.5 [5.89] L x 29.0 [1.14] W x 39.0 [1.54] H



Note: Housing Dim. (Typ.)--151.1 [5.94] L x 25.0 [0.98] W x 39.0 [1.54] H



Color	Part Numbers	
Color	Assembly	Connector Housing
Red	827663-1	927555-1
White	827663-2	927556-1
Blue	827663-3	927557-1
Red	827663-4	927558-1
Natural	827663-5	928556-1
Black	827663-6	928557-1
Black	827663-7	929556-1

Note: For more information on coding, consult AMP.

Mates with-Part No. 825213 Part No. 828822 Part No. 827408 Part No. 827398 Part No. 826115 Part No. 827399

SOURCE: Catalog 124799

### **Additional Timer Housings**

(Continued)

35 Position Housings

(Continued)

35 Position Housing with Round Cable Exit

Mates with-

Part No. 825213 Part No. 828822

Part No. 827408 Part No. 827398

Part No. 826115

Part No. 827399

Note: Housing Dim. (Typ.)—168.0 [6.61] L x 25.0 [0.98] W x 47.0 [1.85] H

	Part Numbers	
Assembly	Connector Housing	
963061-1	962075-1	
963062-1	9 <b>6</b> 2076-1	
828860-1	929565-1	
3-827257-0	927122-1	
963060-1	962074-1	
963059-1	962073-1	
963043-1	962072-1	
828880-1	929644-1	
828826-1	929536-1	
1-827257-4	928688-1	
1-827257-3	928612-1	
1-827257-2	928611-1	
1-827257-1	927539-1	
1-827257-0	927538-1	

	Numbers
Assembly	Connector Housing
827257-9	927434-1
1-827257-8	927391-1
827257-8	927391-1
1-827257-7	927391-1
827257-7	927391-1
1-827257-6	927370-1
827257-6	927370-1
827257-5	927229-1
827257-4	927127-1
827257-3	927120-1
827257-2	927118-1
827257-1	927060-1

Rubber Boot Part No. 826779

35 Position Housing with **Oval Cable Exit** 

Mates with-

Part No. 825213

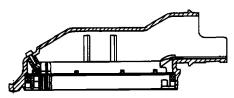
Part No. 828822

Part No. 827408

Part No. 827398 Part No. 826115

Part No. 827399

Note: Housing Dim. (Typ.)—163.0 [6.42] L x 25.0 [0.98] W x 58.0 [2.28] H



Par	t Numbers
Assembly	Connector Housing
828536-1	928165-1
828459-1	928165-1
828534-1	928136-1
828397-1	928136-1
828396-1	928137-1
828535-1	928137-1

Note: For more information on coding, consult AMP.

35 Position Housing Part No. 828632-1

Part No. 828632-3 Part No. 828633-1

Part No. 828633-3

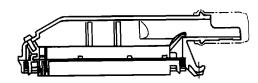
Mates with-

Part No. 825213

Part No. 828822 Part No. 827408

Part No. 827398

Part No. 826115 Part No. 827399 Note: Housing Dim. (Typ.)-158.0 [6.22] L x 25.0 [0.98] W x 40.0 [1.57] H



**AMP Timer Connectors Blade-Type Connectors** 



### **Additional Timer Housings**

(Continued)

### 35 Position Housings

(Continued)

35 Position Housing Part No. 828699

Mates with-

Part No. 825213 Part No. 828822

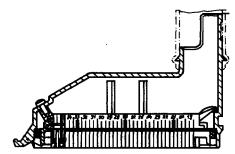
Part No. 827408

Part No. 827398 Part No. 826115

Part No. 827399



**Note:** Housing Dim. (Typ.)—125.0 [4.92] L x 25.0 [0.98] W x 85.0 [3.35] H



Par	Part Numbers	
Assembly	Connector Housing	
828699-1	928615-1	
828699-2	928615-2	
828699-3	928615-3	
828699-4	928615-4	
828699-5	928615-5	
828699-6	928615-6	
828699-7	928681-1	

35 Position Housing Part No. 827667-1

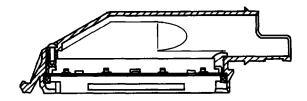
Mates with-Part No. 827137

Mates with-Part No. 827698 Part No. 828989

38 Position Housing Part No. 828808-1 Part No. 828808-2 Part No. 828808-3



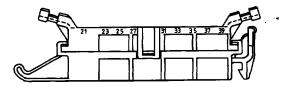
Note: Housing Dim. (Typ.)-113.0 [4.45] L x 16.2 [0.67] W x 22.0 [0.87] H



39 Position Housing Part No. 828771-1

Mates with-Part No. 828772 Part No. 828773 Part No. 963578 Part No. 963574

Note: Housing Dim. (Typ.)—88.0 [3.46] L x 11.4 [0.45] W x 22.0 [0.87] H





### **Additional Timer Housings**

(Continued)

### 55 Position Housings

55 Position Housing Part No. 828761-1 (8 x Junior-Power-Timer, 47 x Micro-Timer I)

Mates with-Part No. 828763

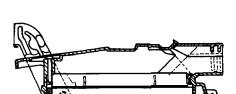
55 Position Housing Part No. 963534

Coding 8: Part No. 963534-1

Coding 12: Part No. 1-963534-1

Note: For more information on codings, consult AMP.

Mates with-Part No. 142723-2 with Part No. 142719-2 Part No. 963063



Note: Housing Dim. (Typ.)—149.5 [5.89] L x 25.0 [0.98] W x 39.0 [1.54] H

### Male Connectors, Single **Row and Double Row**

3 Position Part No. 827404-1

Mates with-Part No. 827578 Part No. 282191

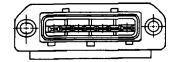
Note: Housing Dim. (Typ.)-30.4 [1.20] Dia. x 32.0 [1.26] L



7 Position Part No. 827405-1 (90° Solder Leg Exit) Part No. 827405-2 (180° Solder Leg Exit)

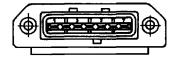
Mates with-Part No. 827216 Part No. 827572 Part No. 827580 Part No. 828918 Part No. 282194

Note: Housing Dim. (Typ.)—65.0 [2.56] L x 26.0 [1.02] W x 19.0 [0.75] H



Note: Housing Dim. (Typ.)—65.0 [2.56] L x 26.0 [1.02] W x 19.0 [0.75] H

7 Position Part No. 828945-1 Mates with-Part No. 828919



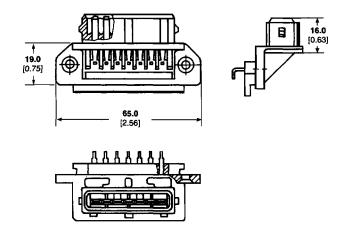
SOURCE: Catalog 124799



### Male Connectors, Single **Row and Double Row** (Continued)

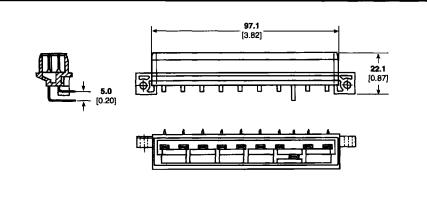
7 Position Part No. 827658-1

Mates with-Part No. 827216 Part No. 827572 Part No. 827580 Part No. 828918 Part No. 282194



10 Position Part No. 827398-1

Mates with-Part No. 826000 Part No. 963318 Part No. 827663 Part No. 827257 Part No. 828632 Part No. 828633 Part No. 828699 Part No. 282195 Part No. 282197



12 Position Part No. 827229-1 (black) Brass, tin plated

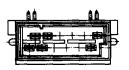
Part No. 827229-2 (black) Brass, silver plated

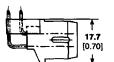
Part No. 827229-3 (black) Brass, gold plated

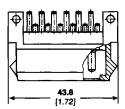
Part No. 827229-4 (brown) Brass, tin plated

Part No. 827229-5 (black) Brass, pre-tin plated

Mates with-Part No. 827603







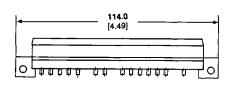
### Male Connectors, Single Row and Double Row

(Continued)

14 Position Part No. 826115-1 (Selective Loading, Single Row) Brass, tin plated

Mates with— Part No. 826000 Part No. 963318 Part No. 827663 Part No. 828632 Part No. 828633 Part No. 828633 Part No. 828699

Part No. 282195 Part No. 282197



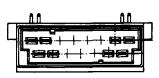


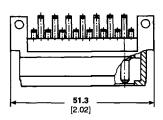


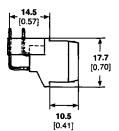
### 15 Position

Part No. 826703-1 (black) Brass, tin plated Part No. 826703-2 (black) Brass, eight plated Part No. 826703-3 (blue) Part No. 826703-4 (yellow) Part No. 2-826703-1 (black)

Mates with— Part No. 926171 Part No. 282199





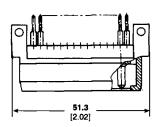


15 Position Part No. 827467-1 (black) Part No. 827467-2 (yellow)

Mates with— Part No. 926171 Part No. 282199







Blade-Type Connectors

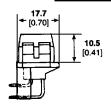
AMP Timer Connectors

(Continued)

16 Position Part No. 827539-1 (black) Brass, tin plated

Mates with--Part No. 827584

**66.5** [2.62]



15.0 [0.59]

**66.5** [2.62]



16 Position Part No. 828662-1

Mates with-Part No. 827584

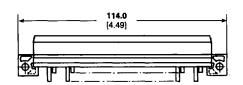
18 Position Part No. 827399-1

Mates with-

Part No. 826000 Part No. 963318 Part No. 827663 Part No. 827257 Part No. 828632 Part No. 828633 Part No. 828699 Part No. 282195

Part No. 282197







25 Position 3.1 [.122] Mounting Hole Dia. Part No. 826140-1 (black) Brass, tin plated

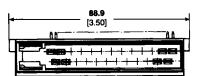
Part No. 826140-2 (yellow) Brass, tin plated

Part No. 826140-3 (green) Brass, tin plated

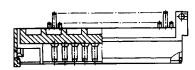
Part No. 826140-4 (brown) Brass, tin plated

Part No. 826140-5 (black) Brass, silver plated

Mates with-Part No. 925470







### Male Connectors, Single **Row and Double Row**

(Continued)

25 Position 4.1 [.161] Mounting Hole Dia. Part No. 826141-1 (black) Brass, tin plated

Part No. 826141-2 (yellow) Brass, tin plated

Part No. 826141-3 (black) Brass, silver plated

Part No. 826141-4 (yellow) Brass, silver plated

Mates with-Part No. 925471

25 Position Part No. 826195-1 (black) Brass, tin plated Part No. 826195-2 (yellow) (Same as Part No. 826140 but

different keying) Mates with-Part No. 925471

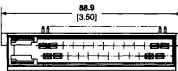
25 Position Part No. 827050-1 (black) Brass, tin plated Part No. 827050-2 (black) Brass, gold plated Part No. 2-827050-1 (black) (with center plate)

Mates with-Part No. 827249 Part No. 827047 Part No. 963317 Part No. 963325 Part No. 827591 Part No. 281810

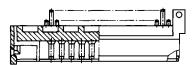
25 Position Part No. 827019-1 Brass, tin plated

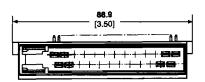
Mates with-Part No. 827249 Part No. 827047 Part No. 963317 Part No. 963325 Part No. 827591 Part No. 281810

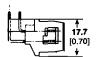


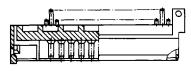




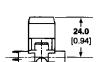


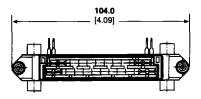


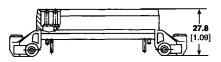




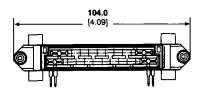








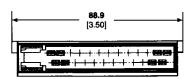




**AMP Timer Connectors Blade-Type Connectors**  (Continued)

25 Position Part No. 827468-1 (black) Brass, tin plated

Mates with— Part No. 925470





**METRIC** 



25 Position

Part No. 827535-1 (black)

Brass, tin plated

Part No. 827535-2 (yellow)
Part No. 827535-3 (black)
Part No. 827535-4 (black)
Part No. 1-827535-4 (black)
Part No. 1-827535-2 (black)
Part No. 2-827535-2 (black)

Part No. 342650-1 Brass, tin plated
Part No. 342650-2 Brass, pre-tin plated

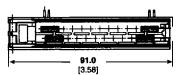
Mates with-Part No. 827534

**Additional Coding** 

(yellow)

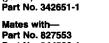
Mates with-

Part No. 827553 Part No. 344529-1 Part No. 828923



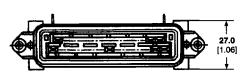


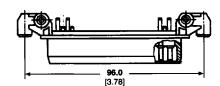




25 Position Part No. 828661-1

Mates with-Part No. 827249 Part No. 827047 Part No. 963317 Part No. 963325 Part No. 827591 Part No. 281810







6065



### Male Connectors, Single **Row and Double Row**

(Continued)

35 Position Part No. 828822-1 (black) Brass, tin plated

Part No. 828822-2 (black) Brass, silver plated

Part No. 828822-3 (black) Brass, gold plated

Part No. 828822-5 (black) Brass, tin plated

Part No. 828822-6 (blue) Brass, silver plated

Stitched Version of Part No. 825213

### Mates with-

Part No. 826000

Part No. 963318

Part No. 827663

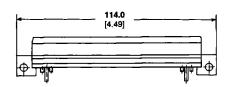
Part No. 827257 Part No. 828632

Part No. 828633

Part No. 828699

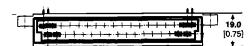
Part No. 282195

Part No. 282197





17.7 [0.70]



### 35 Position

Part No. 825213-1 (black)

Part No. 825213-2 (black) Part No. 825213-3 (black)

Part No. 1-825213-5 (black)

Part No. 2-825213-1 (black)

Brass, tin plated

Part No. 2-825213-2 (black)

Brass, silver plated

Part No. 2-825213-3 (black)

Brass, gold plated

Part No. 2-825213-5 (black)

Brass, tin plated

Part No. 2-825213-6 (blue)

Part No. 3-825213-1 (black)

### Mates with-

Part No. 826000

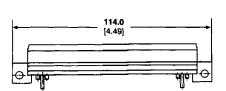
Part No. 963318 Part No. 827663

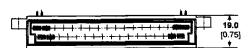
Part No. 827257 Part No. 828632

Part No. 828633

Part No. 828699 Part No. 282195

Part No. 282197





SOURCE: Catalog 124799



### Male Connectors, Single **Row and Double Row**

(Continued)

35 Position Part No 827408-1

(Same as Part No. 825213, but with 4.2 [.165] Mounting Hole Diameter)

Mates with---Part No. 826000

Part No. 963318

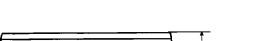
Part No. 827663 Part No. 827257

Part No. 828632

Part No. 828633

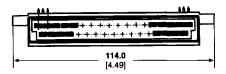
Part No. 828699

Part No. 282195 Part No. 282197





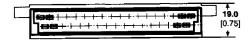




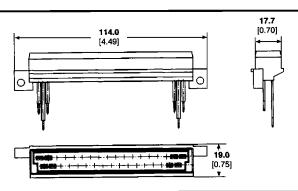
35 Position Part No. 827254-1 (black) Brass, tin plated



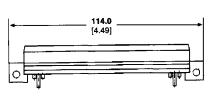




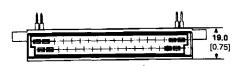
35 Position Part No. 826822-1 (black) Brass, tin plated



35 Position Part No. 826611-1 (black) Brass, tin plated







### Male Connectors, Single **Row and Double Row**

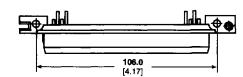
(Continued)

35 Position Part No. 827657-1

Mates with-Part No. 826000 Part No. 963318 Part No. 827663 Part No. 827257 Part No. 828632

Part No. 828633 Part No. 828699 Part No. 282195 Part No. 282197





35 Position Part No. 828823-1

Stitched Version of Part No. 827657

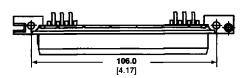
Mates with-Part No. 826000 Part No. 963318

Part No. 827663 Part No. 827257

Part No. 828632 Part No. 828633 Part No. 828699

Part No. 282195 Part No. 282197



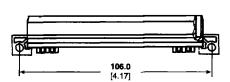


35 Position Part No. 963183-1

Mates with— Part No. 826000 Part No. 963318 Part No. 827663

Part No. 827257

Part No. 828632 Part No. 828633 Part No. 828699 Part No. 282195 Part No. 282197





Blade-Type Connectors

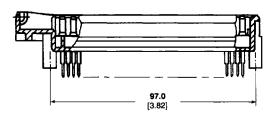
AMP Timer Connectors

### Male Connectors, Single Row and Double Row

(Continued)

35 Position Part No. 827439-1

Mates with— Part No. 827667

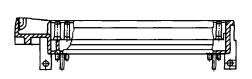


35 Position Part No. 827137-1 (black) Brass, tin plated

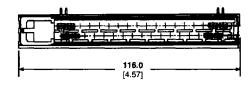
Part No. 827137-2 (grey) Brass, tin plated

Part No. 827137-3 (grey) Brass, silver plated

Mates with— Part No. 827667



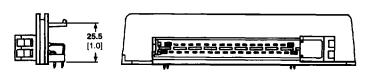


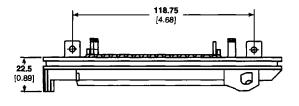


35 Position with Flange Part No. 827360-1

Mates with-Part No. 827667

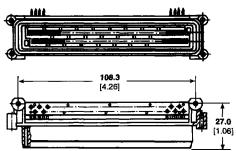
Blade-Type Connectors
AMP Timer Connectors





38 Position Part No. 827698-1

Mates with— Part No. 828808





### Male Connectors, Single **Row and Double Row**

(Continued)

38 Position Part No. 828989-1 (black) Part No. 828989-2 (black) (Same as Part No. 827698 except for mounting holes)

Mates with-Part No. 828808

39 Position (90° Solder leg exit) Part No. 828773-1 Brass, tin plated

Part No. 828773-2 Phosphor bronze, tin plated

Mates with-Part No. 828771

### 39 Position (90° Solder leg exit)

Part No. 963578-1 Brass, tin plated

Part No. 963578-2 Phosphor bronze, tin plated

Mates with-Part No. 828771

### 39 Position (180° Solder leg exit)

Part No. 828772-1 Brass, tin plated

Part No. 828772-2 Phosphor bronze, tin plated

Part No. 828772-3 Brass, tin-gold plated

Mates with-Part No. 828771

### 39 Position (180° Solder leg exit)

Part No. 963574-1 Brass, tin plated

Part No. 963574-2 Phosphor bronze, tin plated

Part No. 963574-3 Brass, tin-gold plated

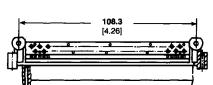
Mates with-Part No. 828771

SOURCE: Catalog 124799

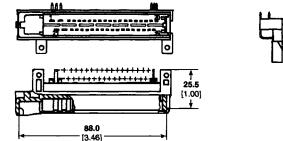
### **METRIC**

15.0

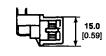


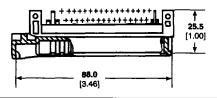




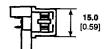


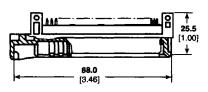




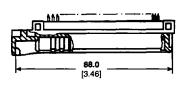












**Blade-Type Connectors AMP Timer Connectors** 

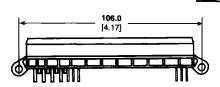
17.8 [0.70]

### Male Connectors, Double Row and Triple Row

55 Position Part No. 828763-1

Mates with— Part No. 828761



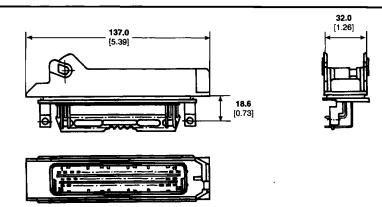




55 Position Coding 8: Part No. 963063-1

Coding 7: Part No. 963063-2

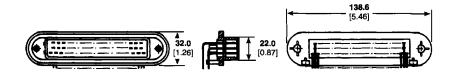
Mates with--Part No. 963534



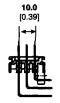
55 Position

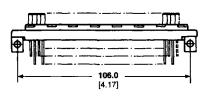
Part No. 142723-2 Frame Part No. 142719-2

Mates with--Part No. 963534



55 Position Part No. 963042 See Drawing 87-9435-16 Mates with— Part No. 963041







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