



Part No.	Number of Contacts	Rows / Positions with contact	Pitch
416 348 M*1**	48	a + b + c a b c 5 4 3 2 1	2.54mm
416 432 M*1**	32	a + c a b c 5 4 3 2 1	2.54mm
416 324 M*2**	24	a + b + c All even no. a b c 5 4 3 2 1	5.08mm
416 416 M*2**	16	a + c All even no. a b c 5 4 3 2 1	5.08mm

**Electrical Data-**  
 Current rating: 2amps  
 Dielectric Withstanding Voltage: 1000VAC for one minute  
 Contact Resistance: < 30 Milliohms  
 Insulation Resistance: > 1000 Megaohms min. at DC 500V.  
 Operating Temperature: -55°C ~ +105°C

**Construction:**  
 Insulator: 30% Glass Filled PBT  
 Flammability Rating: UL 94V-0  
 Contacts: Phosphor-Bronze

### 416-3 48-M R X-X-X

**Contact Number of Row:**

- 1 = a row
- 2 = a + b row
- 3 = a + b + c row
- 4 = a + c row

**Number of Contact:**

- 96, 64, 48, 32, 16, 8

**Contact Type:**

- M=Male F=Female

**Tail Style:**

- S=Straight DIP Type
- R=Right Angle DIP Type

**Pitch:**

- 1=2.54mm
- 2=5.08mm

**Solder Length:**

- 0=3.00mm
- 1=4.00mm
- 2=2.50mm
- 3=13.00mm
- 4=17.00mm

**Contacts Plating:**

- 1=Gold Flash
- 2=Gold 3u"
- 3=Gold 5u"
- 4=Gold 10u"
- 5=Gold 15u"
- 6=Gold 30u"

E	Units	mm	Scale	1:1	Drawing By	Vance	Date	2004/07/12		<b>深圳市联益康电子有限公司</b> Http://www.leycom.com TEL: +86 (755) 26078616 FAX: 26070522		
D	Tolerance Unless		Otherwise Specified		Reviewed By	Sandy	Date	2004/07/12				
C	.X ~ ±0.30		.XX ~ ±0.25		Approval By	Jon Chuo	Date	2004/07/12	Sheet	1 of 1	Title	DIN 41612 Plug Connector
B	.XXX ~ ±0.20		Angle ~ ± 3°		Thirt Angle Projection	Drawing No.		F/Name	REV		A	
A	RELEASED		Date		ECN. NO.		Date		REV		A	