

Number of contacts	64	78.74	81.58	86.08	80.01	81.28	0.89
	60	73.66	76.50	81.00	74.93	76.20	0.89
	50	60.96	63.80	68.30	62.23	63.50	0.89
	40	48.26	51.10	55.60	49.53	50.80	0.89
	A ±0.05	B <sup>+0.1</sup> <sub>0</sub>	C ±0.1	E ±0.2	L ±0.32	M ±0.13	

Dimensions

**ORDERING INFORMATION**

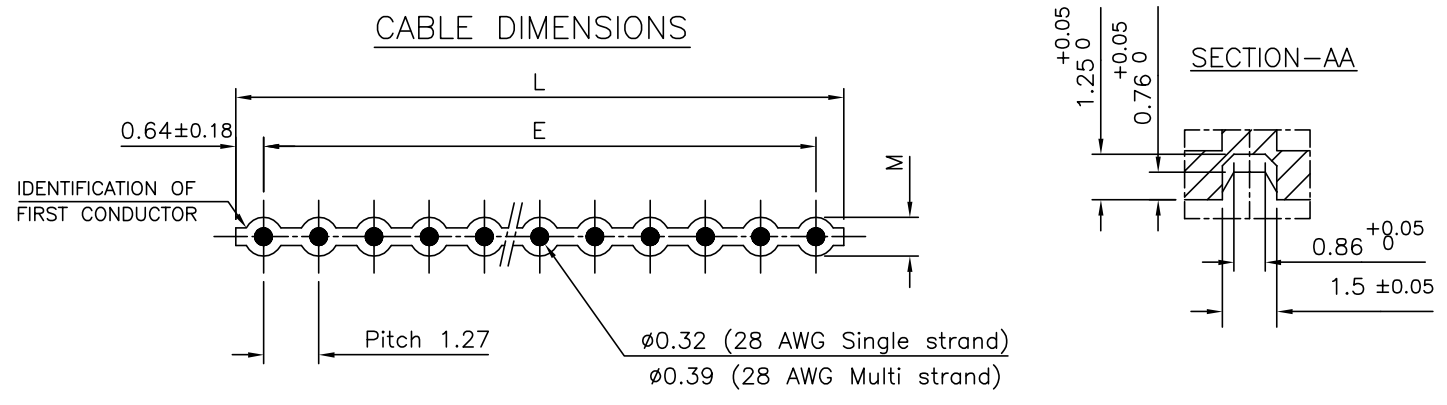
SERIES: 8613  
 NO. OF CONTACTS: 0403030355  
 SPECIAL CODE: [ ]  
 LONGITUDINAL PITCH: 5 - 2.54 mm  
 PERFORMANCE CLASS: 4 - DIN 41651 CLASS 3, 5 - DIN 41651 CLASS 2, 6 - DIN 41651 CLASS 1, 8 - AS PER JSS 50810  
 INSULATOR MATERIAL: 3 - PBT GREY

3 - FEMALE WITH CENTRAL POLARISING  
 0 - WITHOUT STRAIN RELIEF CLAMP  
 1 - WITH STRAIN RELIEF CLAMP  
 TYPE OF TERMINATION: 30 - INSULATION DISPLACEMENT 28 GAUGE

**TECHNICAL SPECIFICATION**

HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL 94V0; GREY  
 CONTACT MATERIAL : COPPER ALLOY  
 PLATING : ACTIVE ZONE - GOLD OVER NICKEL  
 : TERMINATION ZONE - SnPb OVER Ni FOR TIN LEAD VERSION.  
 : - Sn (MATTE TIN) OVER Ni FOR LEAD FREE VERSION.

CURRENT RATING : 1.5A AT 20°C  
 INSULATION RESISTANCE AT 500Vdc : ≥5000 MΩ at 100V  
 CONTACT RESISTANCE : ≤20 mΩ  
 DIELECTRIC WITHSTANDING VOLTAGE : 1000 Vrms  
 OPERATING TEMPERATURE : -55°C TO +125°C  
 REFERENCE SPECIFICATION : IEC 603-13 / DIN 41651



**NOTES:-**

- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406 ISO 1101				8613	
litr		ecn no		dr		date		title	
A		-		YMP		1998-12-06		FEMALE CONNECTOR	
B		-		MINI		2002-04-22		FLAT CABLE 8613 SERIES	
C		I06-0066		MINI		2006-06-01		scale -	
D		I06-0173		MINI		2006-09-15		dwg no sheet 1 of 1 size	
				enr		P.S.JOHNS		1998-12-06	
				chr		RAKHEE GEORGE		2006-09-15	
				appd		RAKHEE GEORGE		2006-09-15	
sheet index		revision sheet		D				type Product Customer Drawing	
				1				C-8613-0023 A3	

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