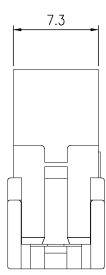
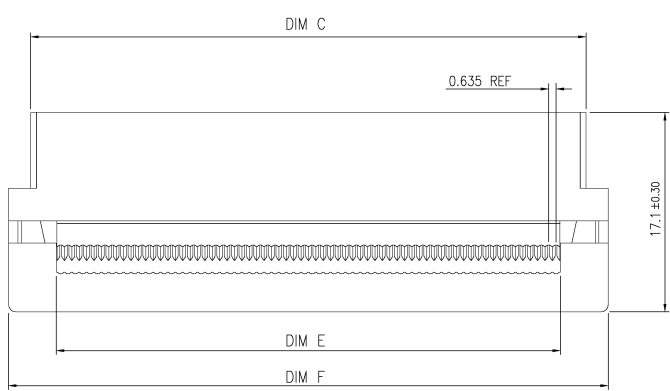


SEC. A-A



68 POSITION SHOWN

- △ HOUSING: PBT, 30% GLASS REINFORCED, UL94V-0, COLOR BLACK.  
CONTACTS: PHOS. BRONZE.
- △ CONTACTS: GOLD PLATED (SEE TABLE) ON MATING END, 1.27um [.000050in] MIN MATTE TIN ON TERMINATION AREA, ALL OVER 1.27um [.000050in] MIN NICKEL ON ENTIRE CONTACT.
- △ SPECIFICATIONS:  
CURRENT RATING: 1A.  
VOLTAGE RATING: 30V AC.  
INSULATION RESISTANCE: 1000 MEGOHMS MIN. AT 500V DC.  
CONTACT RESISTANCE: 55 MILLIOHMS MAX.  
DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR 1 MINUTE.  
CONTACT RETENTION FORCE: 600 gf MIN.  
TOTAL INSERTION FORCE: 4 Kgf MAX. (FORCE DEPENDENT ON MATING CONNECTOR)  
TOTAL WITHDRAWAL FORCE: 1.5 Kgf MAX. (FORCE DEPENDENT ON MATING CONNECTOR)  
WIRE COVER RETENTION FORCE: 6 Kgf MIN.  
OPERATION TEMPERATURE: -55°C TO 85°C.
- △ FOR USE WITH 30 & 32 AWG FLAT RIBBON CABLE.  
SELECTION OF COMPATIBLE RIBBON CABLE AND APPLICATION TOOLING FOR USE WITH THIS PRODUCT IS THE RESPONSIBILITY OF THE USER.
- 5. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.  
CONTACT TYCO ELECTRONICS FOR THE LATEST SPECIFICATIONS.
- △ TYCO LOGO LOCATED ON THIS SURFACE.
- 7. PACKAGED IN TRAYS.

51.5	43.30	47.7	46.35	0.03um [.000001in]	68	2-5390377-7
51.5	43.30	47.7	46.35	0.38um [.000015in]	68	1-5390377-7
51.5	43.30	47.7	46.35	0.76um [.000030in]	68	5390377-7
40.07	31.87	36.27	34.92	0.76um [.000030in]	50	5390377-5
DIM F	DIM E	DIM C	DIM B	CONTACT FINISH	NO OF POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

UNFINISHED	SYMBOLS	DATE	BY	CHK	APP

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TYCO ELECTRONICS CORPORATION  
 HARRISBURG, PA 17105-3608

PLUG ASSEMBLY, UNSHIELDED,  
 0.64[.025] CENTERLINE,  
 AMPULITE 1.27[.050] SERIES

SEE DATE CODE MARKING NO. A1007798 Q=5390377

CUSTOMER DRAWING