



- ① HOUSING: PBT, 30% GLASS REINFORCED, UL94V-0, COLOR BLACK.
CONTACTS: PHOS. BRONZE.
- ② CONTACTS: GOLD PLATED (SEE TABLE) ON MATING END, 1.27µm [.000050in] MIN MATTE TIN ON TERMINATION AREA, ALL OVER 1.27µm [.000050in] MIN NICKEL ON ENTIRE CONTACT.
- ③ SPECIFICATIONS:
CURRENT RATING: 1A.
VOLTAGE RATING: 30V AC.
INSULATION RESISTANCE: 1000 MILLIOHMS 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.
- ④ 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.
- ⑥ TYCO LOGO LOCATED ON THIS SURFACE.
- 7. PACKAGED IN TRAYS.

68 POSITION SHOWN

51.5	43.30	47.7	46.35	0.03µm [.000001in]	68	2-5390377-7
51.5	43.30	47.7	46.35	0.38µm [.000015in]	68	1-5390377-7
51.5	43.30	47.7	46.35	0.76µm [.000030in]	68	5390377-7
40.07	31.87	36.27	34.92	0.76µm [.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.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APPROVED:	DATE:	TYCO ELECTRONICS
mm	0.150 ± 0.15	J. GERACE	26JAN05	26JAN05
	0.254 ± 0.10	S. SHUEY		
	0.508 ± 0.10	M. WALMSLEY		
	1.270 ± 0.10			
	ANGLES			
	FINISH			

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

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 5390377

CUSTOMER DRAWING SCALE: 1:1 SHEET: 1 OF 1 REV: 0