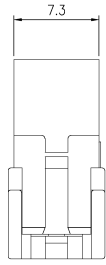
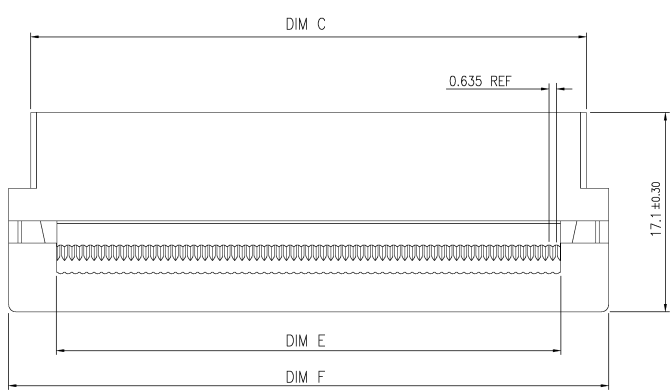


SEC. A-A



68 POSITION SHOWN

- △ HOUSING: PBT, 30% GLASS REINFORCED, UL94V-0.
CONTACTS: PHOS. BRONZE.
- △ CONTACTS: GOLD PLATED (SEE TABLE) ON MATING END, 1.27um [.000050in] MIN BRIGHT TIN-LEAD 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 AMP FOR THE LATEST SPECIFICATIONS.
- △ AMP LOGO LOCATED ON THIS SURFACE.

DIM F	DIM E	DIM C	DIM B	PACKAGING	COLOR	CONTACT FINISH	AMP PART NO.	# OF POS.
51.5	43.30	47.7	46.35	TRAY	BLACK	0.03um [.000001in]	2-390377-7	68
40.07	31.87	36.27	34.92	TRAY	BLACK	0.03um [.000001in]	2-390377-5	50
51.5	43.30	47.7	46.35	TRAY	BLACK	0.38um [.000015in]	1-390377-7	68
40.07	31.87	36.27	34.92	TRAY	BLACK	0.38um [.000015in]	1-390377-5	50
51.5	43.30	47.7	46.35	TRAY	BLACK	0.76um [.000030in]	390377-7	68
40.07	31.87	36.27	34.92	TRAY	BLACK	0.76um [.000030in]	390377-5	50

THIS DRAWING IS A CONTROLLED DOCUMENT. (SEE INSTRUCTIONS)

AMP INCORPORATED
 HARRISBURG, PA 17105-3608

PLUG ASSEMBLY, UNSHELD, .025 CENTERLINE, ANPLUMTE, 680 SERIES

DATE: 00779
 DRAWING NO: 390377

CUSTOMER DRAWING