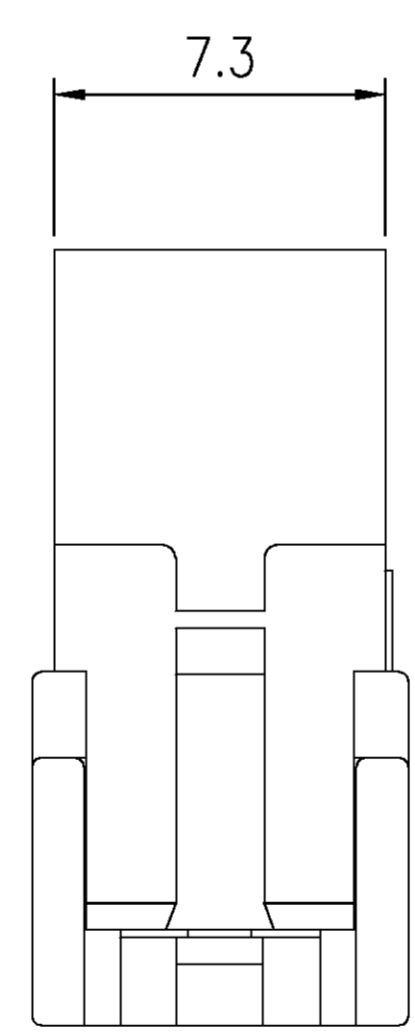
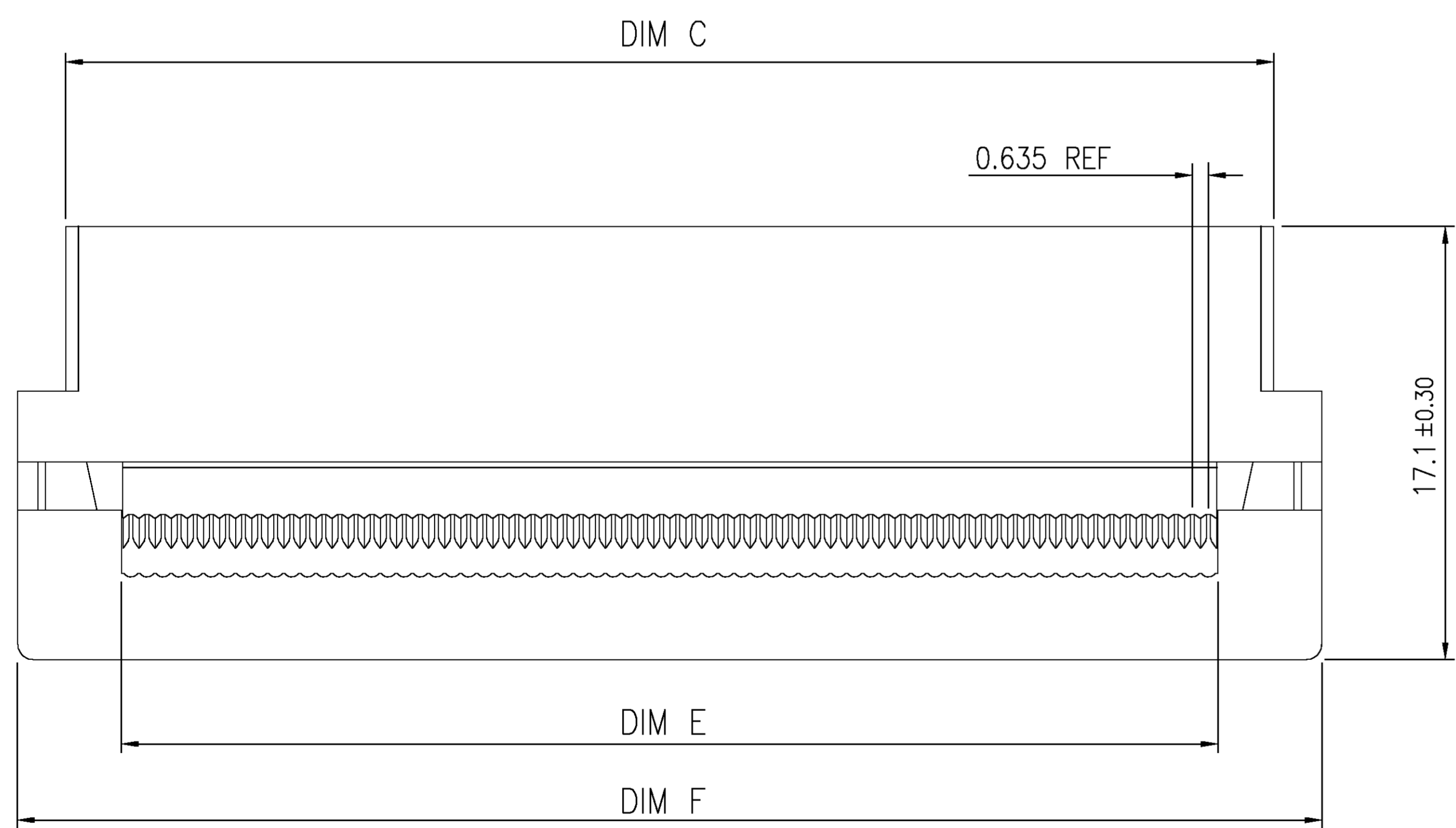


SEC. A-A



- ① HOUSING: PBT, 30% GLASS REINFORCED, UL94V-0.
CONTACTS: PHOS. BRONZE.
- ② 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.
- 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 AMP FOR THE LATEST SPECIFICATIONS.
- ⑥ AMP LOGO LOCATED ON THIS SURFACE.

68 POSITION SHOWN

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
DIM F	DIM E	DIM C	DIM B	PACKAGING	COLOR	CONTACT FINISH	AMP PART NO.	# OF POS.

THIS DRAWING IS A CONTROLLED DOCUMENT. DIM J. BURWELL OSAPR01
 CASH C. CASH 10MAY00
AMP AMP Incorporated Harrisburg Pa 17105-3608

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME
0 PL ± -	1 PL ± 0.15	APPLICATION SPEC	PLUG ASSEMBLY, UNSHIELDED, .025 CENTERLINE, AMPLITE, .050 SERIES
2 PL ± 0.10	3 PL ± 0.05	WEIGHT	SIZE CAGE CODE DRAWING NO RESTRICTED TO
4 PL ± 0.05	ANGLES ± -	FINISH	A1 00779 C=390377
MATERIAL SEE NOTES 1			CUSTOMER DRAWING SCALE 1:1 SHEET 1 OF 1 REV C