

Printed Circuit Board Modular Jacks

Through-Hole Side Entry Low Profile

Product Facts

- Meets or exceeds FCC Part 68 rules and regulations; REA PE-76; and UL 1863, Communication Circuit Accessories
- Meets 1000 volt dielectric requirement
- Designed for direct mounting on pc boards
- Designed for ease of soldering and board cleaning
- Selectively gold plated contacts for lower cost
- All jacks are UL 94V-0 flame retardant polyester, standard color black, unless specified otherwise



- Listed by Underwriters Laboratories Inc., File No. E81956 ®



- Certified by Canadian Standards Association, File No. LR 7189

Specifications

Electrical:

Current Rating - 1.5 amp max. @ 25°C, derated to 0.2 amp max. @ 70°C ambient

Voltage Rating - 150 volts ac max.

Dielectric Withstanding Voltage - 1000 VAC, RMS, 60 Hz, 1 min.

Insulation Resistance - 500 megohms min.

Surge Test - to 1000 volts

Mechanical:

Pc Board Retention - will not dislodge from pc board when subjected to 1 lb [4.4N] pull before soldering and 10 lbs [44N] pull after soldering

Durability - 750 mating cycles

Technical Documents

Application Specification

114-02048

Product Specification

108-01163

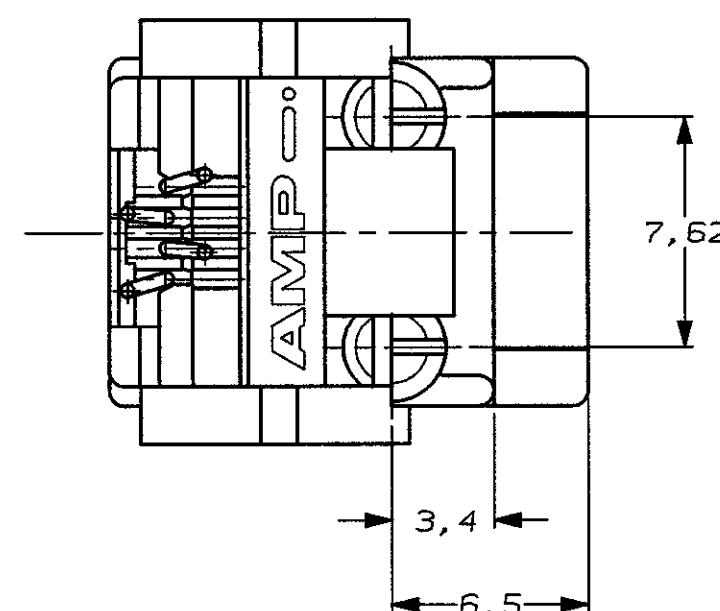
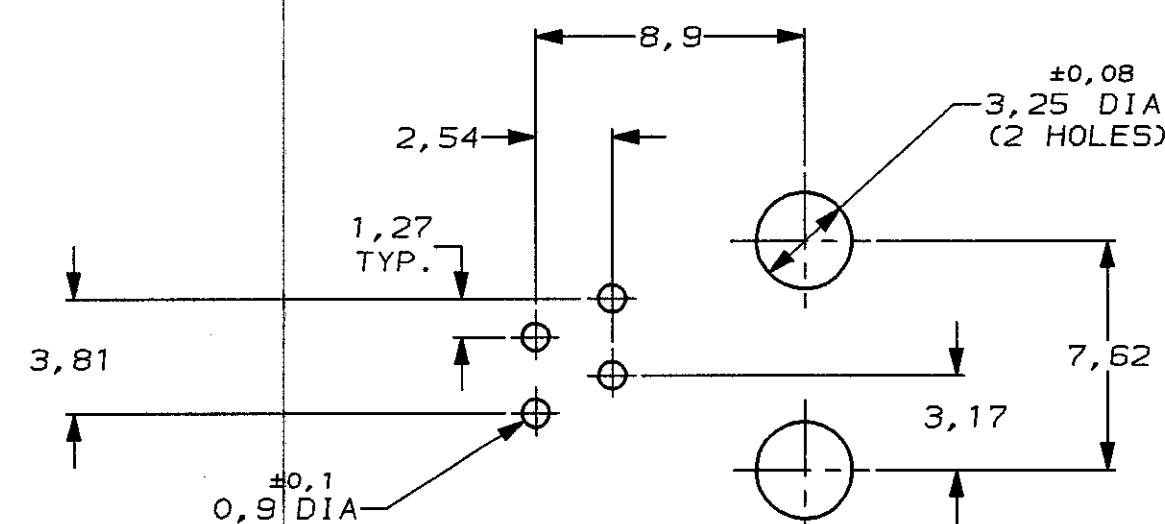
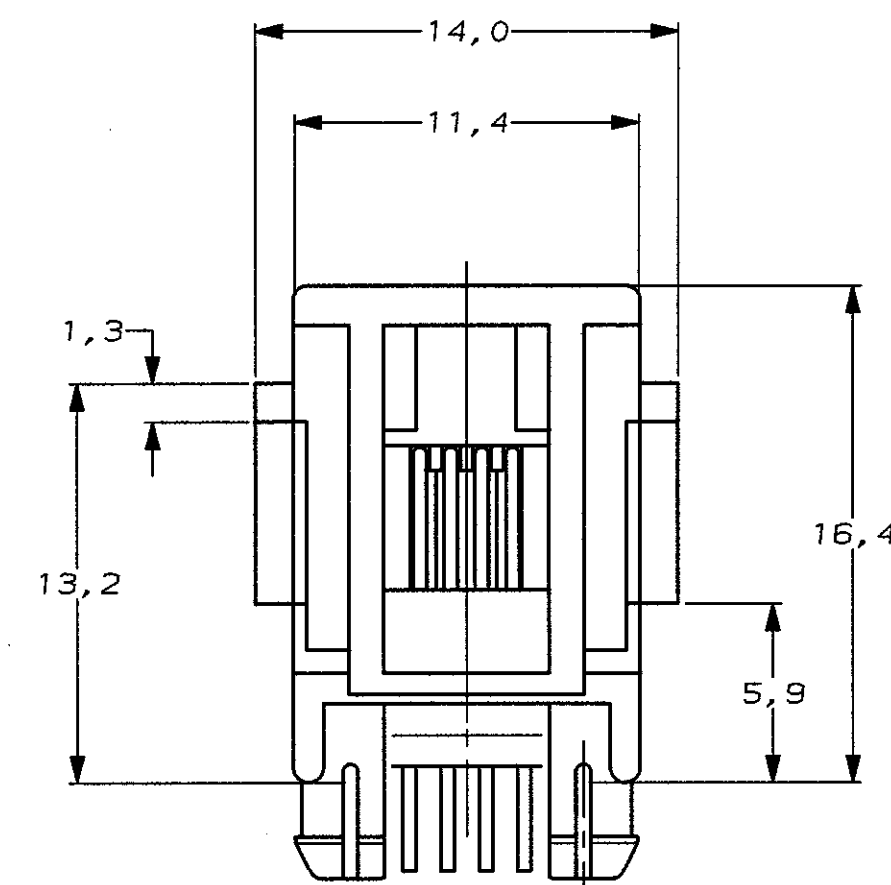
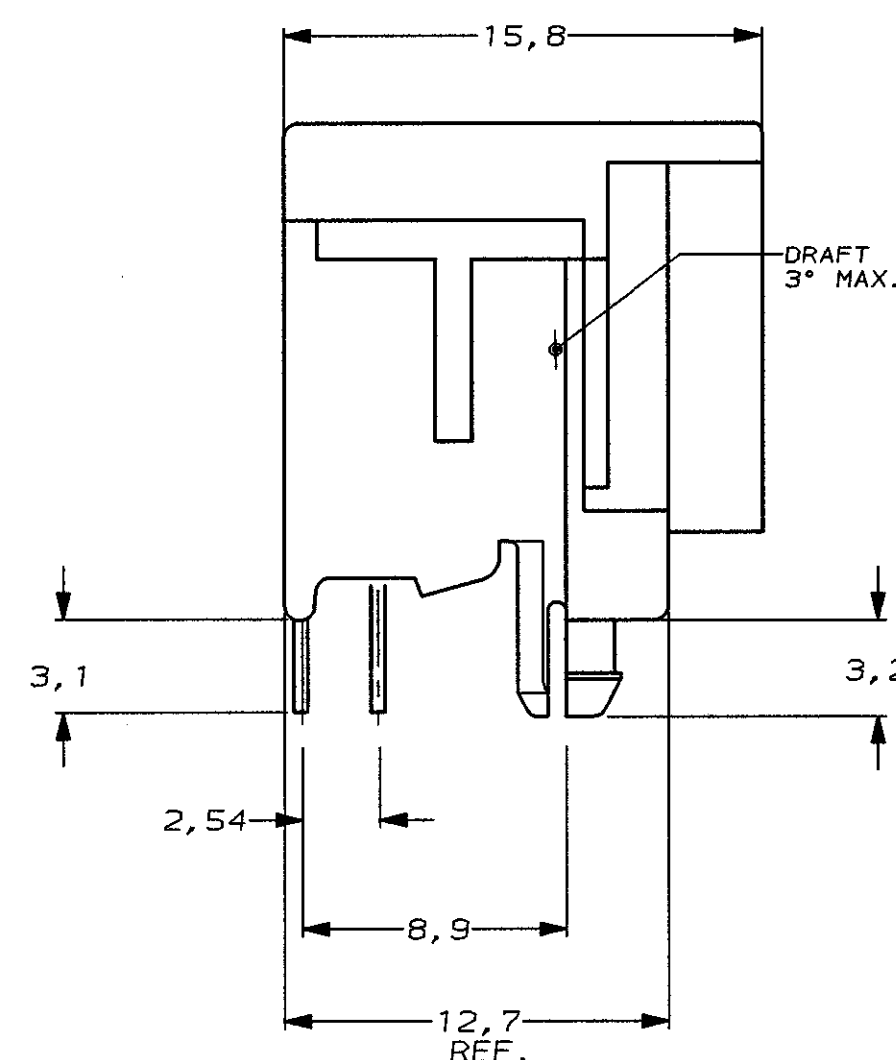
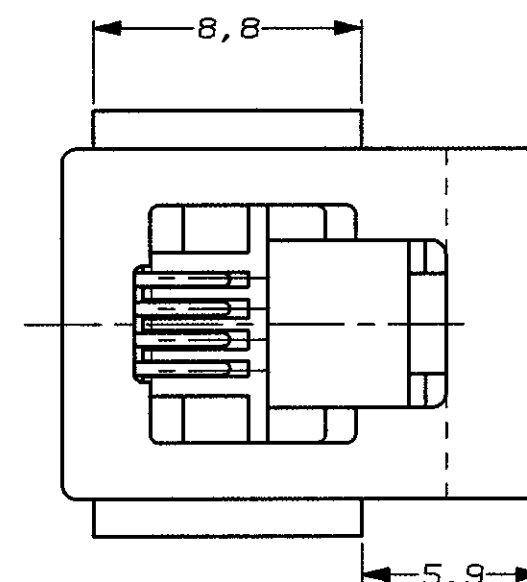
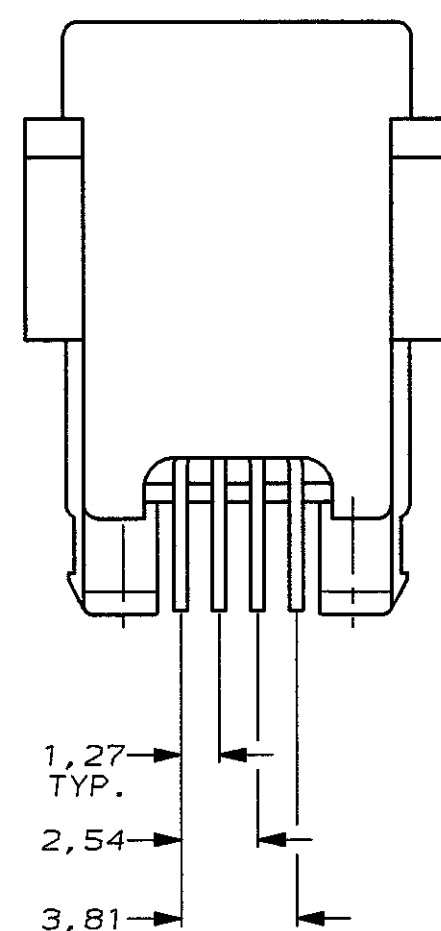
DO NOT SCALE
DIMENSIONS IN mm

METRIC

THIRD ANGLE
PROJECTION

NOTES:

- 1 TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm 0,15$
- 2 FOR APPLICATION INFORMATION SEE AMP SPEC. 114-19019.
- 3 FOR PERFORMANCE REQUIREMENTS SEE AMP SPEC. 108-19064



PRINTED CIRCUIT BOARD LAYOUT

[VIEW SHOWN IS CIRCUIT (NONCOMPONENT) SIDE OF BOARD.]

TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm 0,05$.
PRINTED CIRCUIT BOARD THICKNESS: 1,6 mm NOMINAL.

4 POSITIONS/ 4 CONTACTS.		IN CONTACT AREA: 1,2µm MIN. SEL. GOLD OVER 1,2µm MIN. NICKEL		HOUSING: PTB, UL 94-HB COLOR: BLACK		216562-1	
		SOLDER TINES: 2,0µm MIN. TIN-LEAD OVER 1,2µm MIN. NICKEL		CONTACTS: PHOSPHOR BRONZE			
REMARKS		FINISH		MATERIAL		PARTNUMBER	
-		-		-		CUSTOMER DRAWING FOR REFERENCE ONLY WILL NOT BE UPDATED	
-		-		-		© COPYRIGHT 19- BY AMP HOLLAND B.V.	
-		-		-		ALL INTERNATIONAL RIGHTS RESERVED. AMP PRODUCTS MAY BE COVERED BY U.S. AND FOREIGN AND/OR PATENTS PENDING.	
-		-		-		THIS DRAWING IS UNPUBLISHED RELEASED FOR PUBLICATION	
-		-		-		AMP HOLLAND B.V. s-Hertogenbosch, The Netherlands.	
F		EH-0244-96		MVE G.C. 15 FEB '96		NAME MODULAR JACK, 4 POS., TOP ENTRY, WITH PANEL STOPS, FOR PRINTED CIRCUIT BOARD.	
LTR.		REVISION RECORD		DR. CHK. DATE			
DR. : L.v.d. HEIJDEN		CHK. : C. STERKEN		APP. : L.v. SOEST		DWG. No. C-216562	
DATE: 1 SEP '89		DATE: -		DATE: -		REV. LTR. F	
						SHEET 1 OF 1	
						A2	

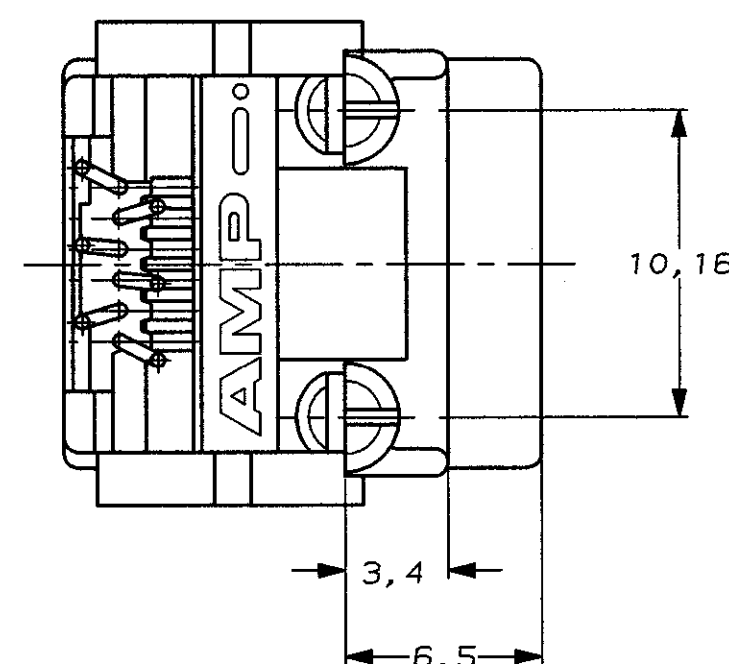
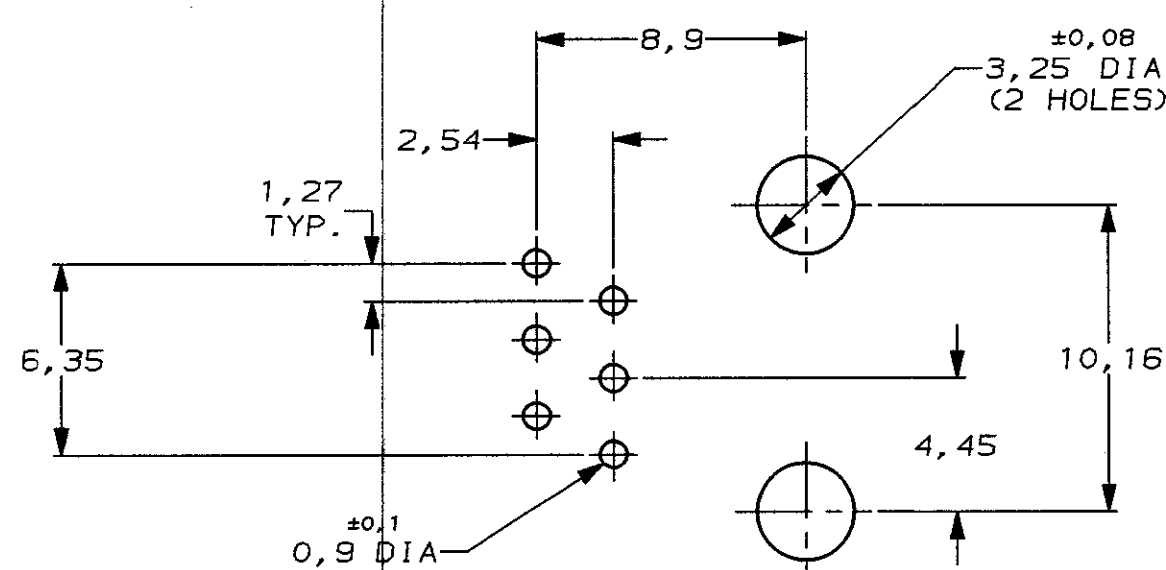
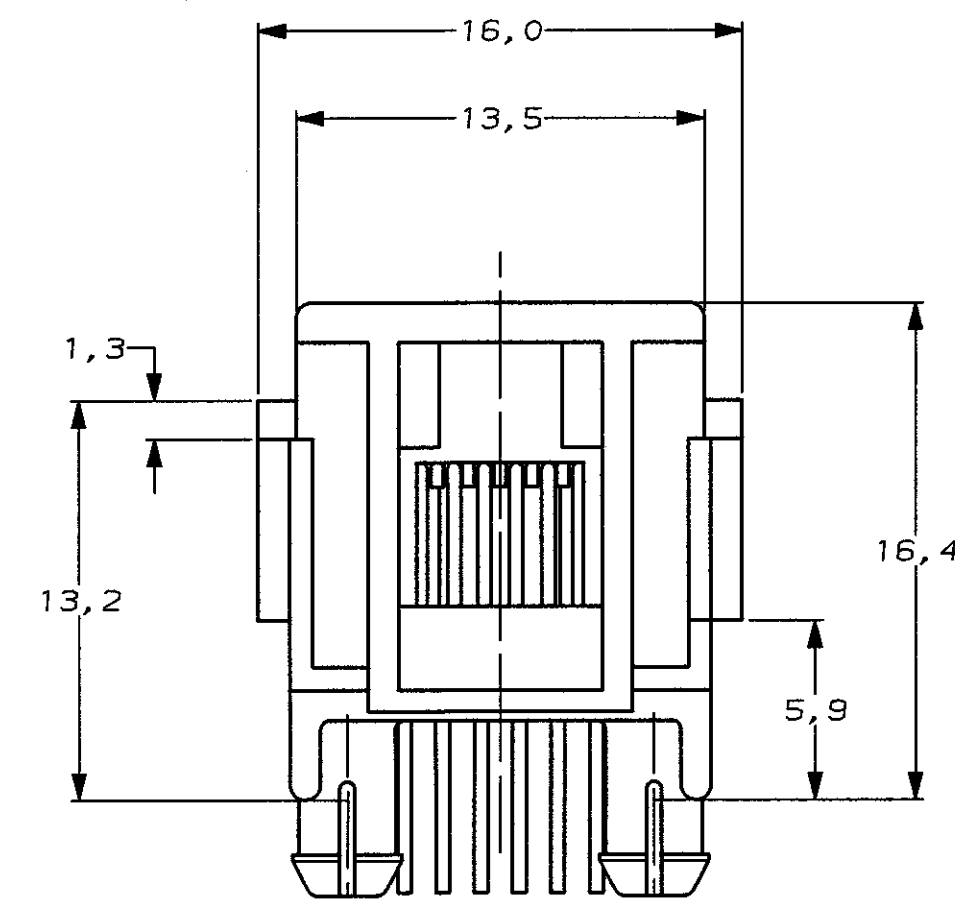
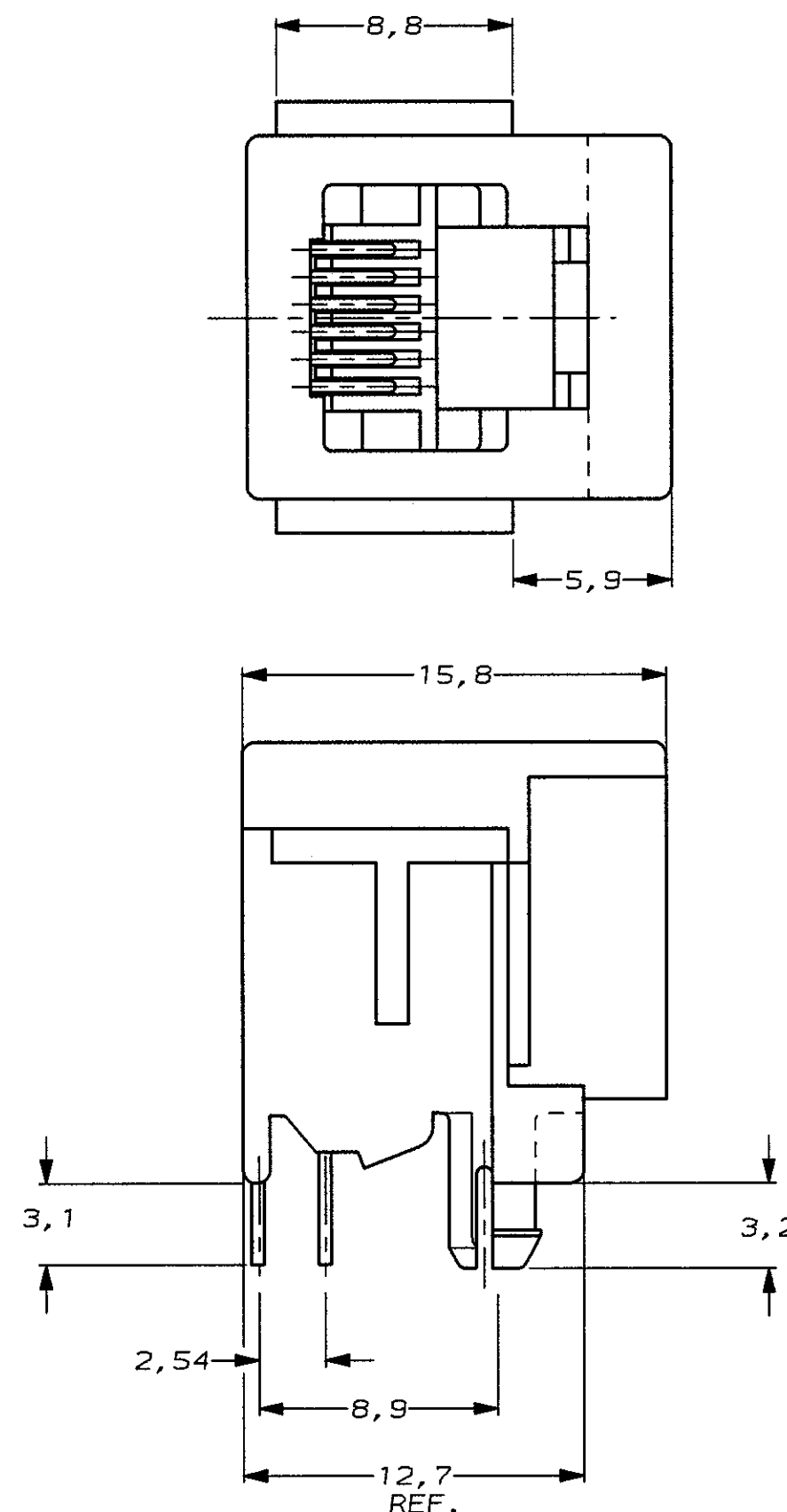
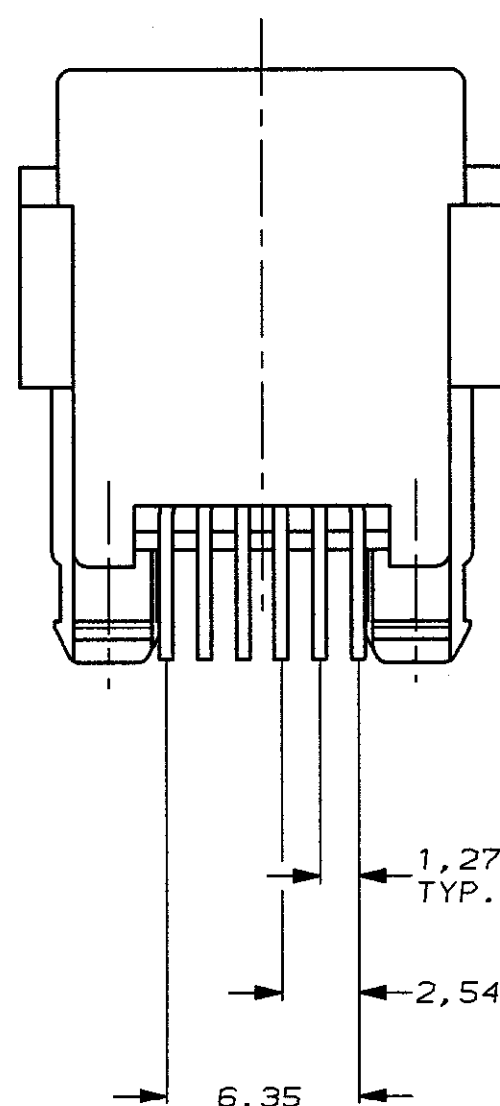
DO NOT SCALE
DIMENSIONS IN mm

METRIC

THIRD ANGLE
PROJECTION

NOTES:

- 1 SEE SHEET 2 FOR 216564-2, 6 POS./4 CONTACTS.
- 2 TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm 0,15$
- 3 FOR APPLICATION INFORMATION SEE AMP SPEC. 114-19019.
- 4 FOR PERFORMANCE REQUIREMENTS SEE AMP SPEC. 108-19064



PRINTED CIRCUIT BOARD LAYOUT

[VIEW SHOWN IS CIRCUIT (NONCOMPONENT) SIDE OF BOARD.]

TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm 0,05$.

PRINTED CIRCUIT BOARD THICKNESS: 1,6 mm NOMINAL.

6 POSITIONS/ 6 CONTACTS.		IN CONTACT AREA: 1,2µm MIN. SEL. GOLD OVER 1,2µm MIN. NICKEL		HOUSING: PTB, UL 94-HB COLOR: BLACK		216564-1	
		SOLDER FINES: 2,0µm MIN. TIN-LEAD OVER 1,2µm MIN. NICKEL		CONTACTS: PHOSPHOR BRONZE			
REMARKS		FINISH		MATERIAL		PARTNUMBER	
-		-		-		CUSTOMER DRAWING FOR REFERENCE ONLY WILL NOT BE UPDATED	
-		-		-		© COPYRIGHT 19- BY AMP HOLLAND B.V.	
-		-		-		ALL INTERNATIONAL RIGHTS RESERVED. AMP PRODUCTS MAY BE COVERED BY U.S. AND FOREIGN AND/OR PATENTS PENDING.	
-		-		-		THIS DRAWING IS UNPUBLISHED RELEASED FOR PUBLICATION	
-		-		-		AMP HOLLAND B.V. s-Hertogenbosch, The Netherlands.	
F		EH-0244-96		MVE G.C. 15 FEB '96		NAME MODULAR JACK, 6 POS., TOP ENTRY, WITH PANEL STOPS, FOR PRINTED CIRCUIT BOARD.	
LTR.		REVISION RECORD		DR. CHK. DATE			
DR. : L.v.d. HEIJDEN		CHK. : C. STERKEN		APP. : L.v. SOEST		DWG. No. C-216564	
DATE: 29 AUG '89		DATE: -		DATE: -		REV. LTR. F	
						SHEET 1 OF 2	
						A2	

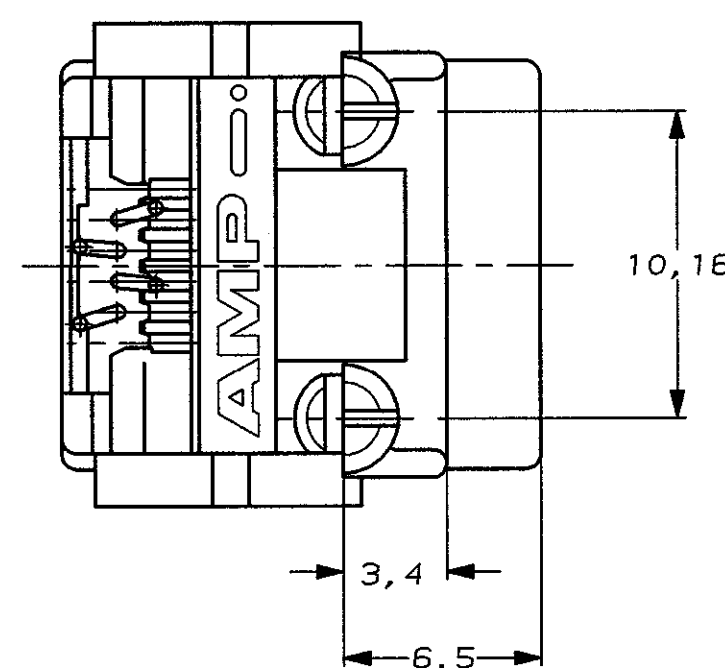
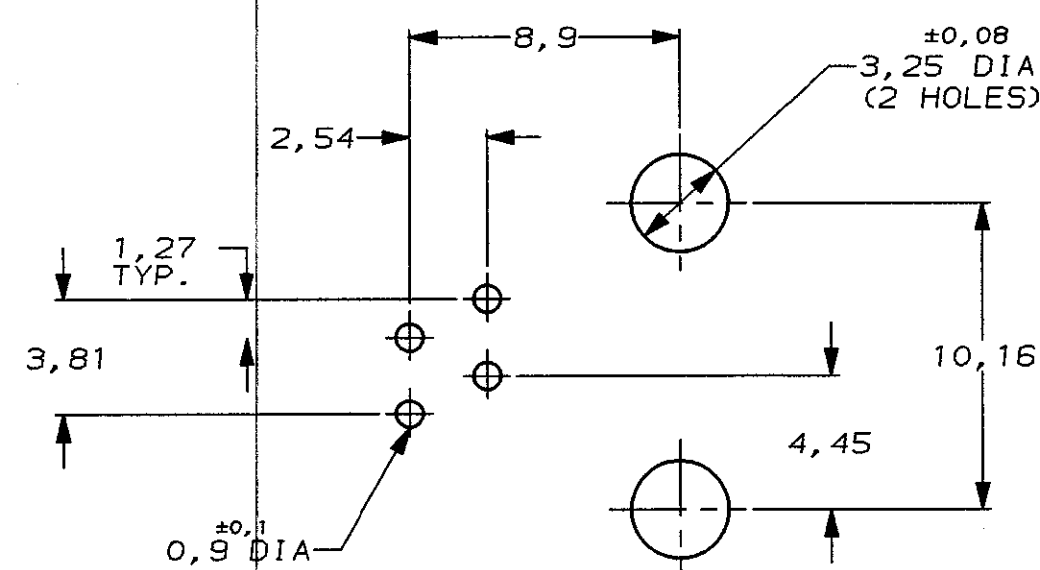
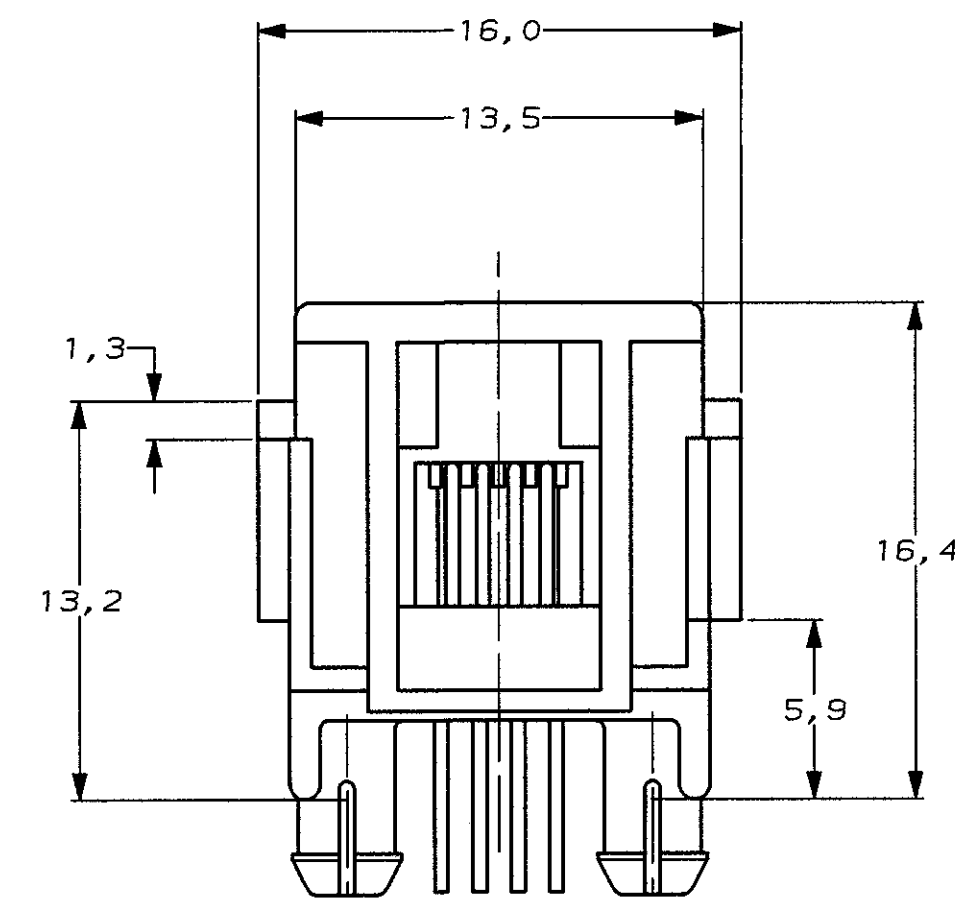
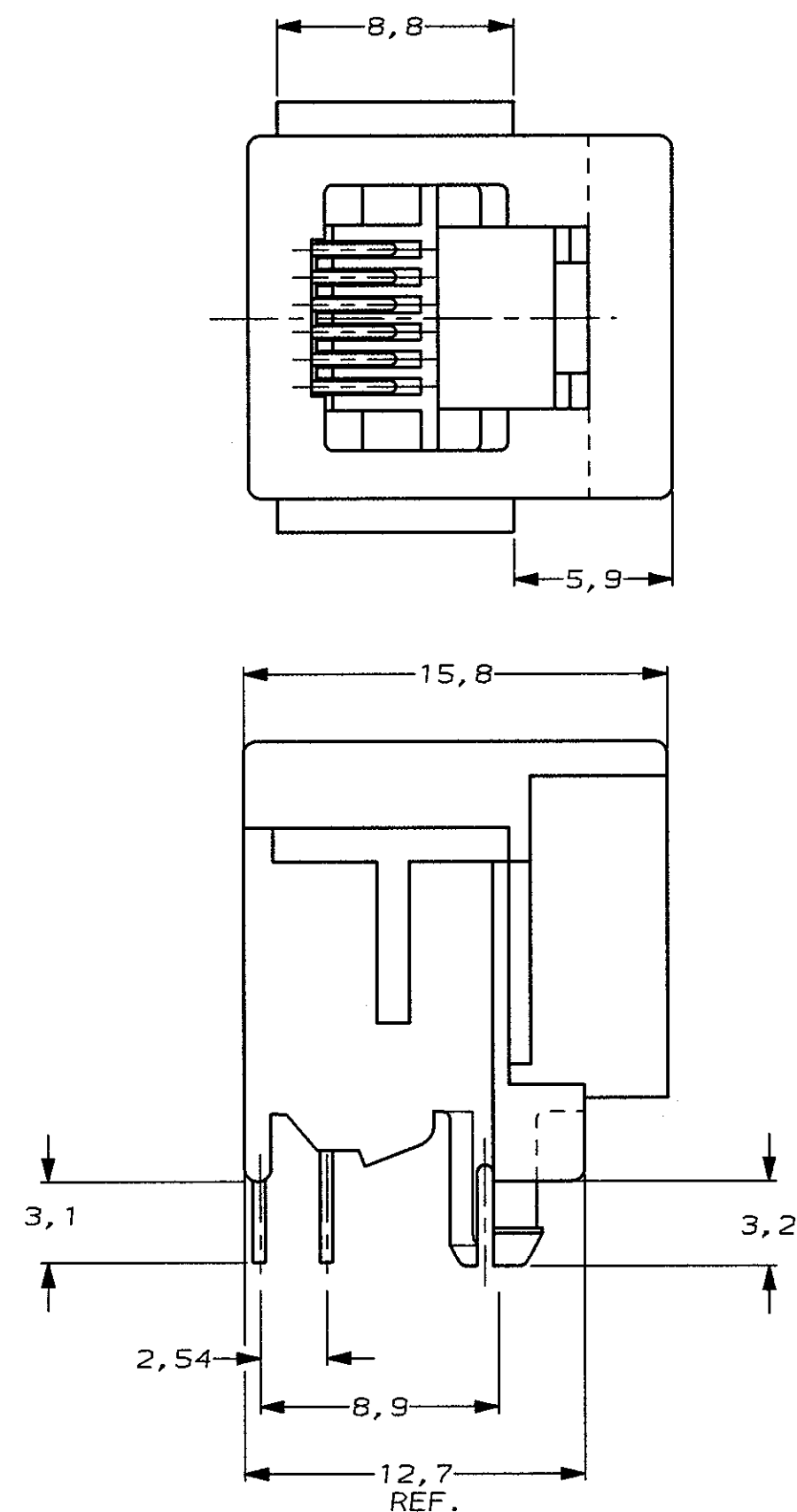
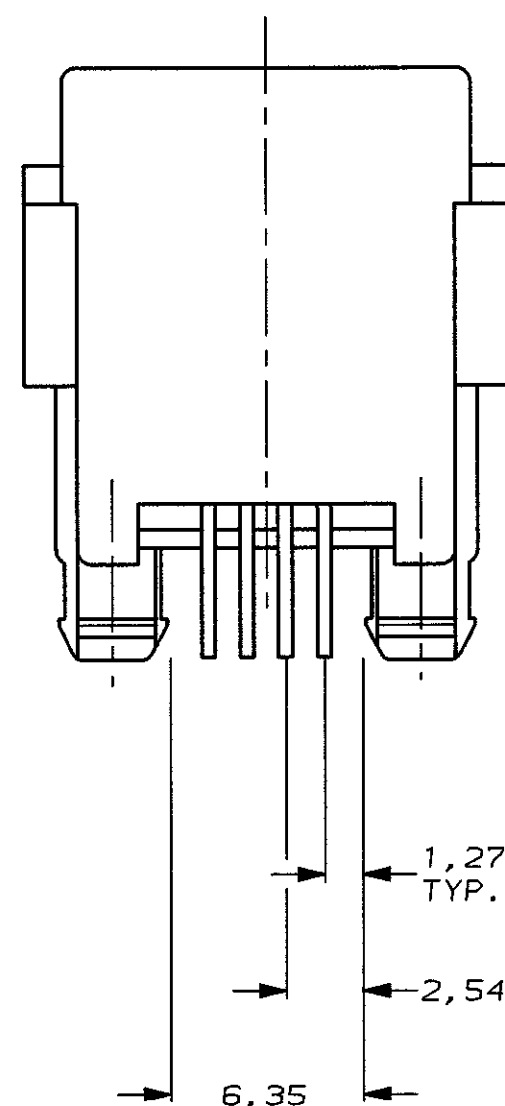
DO NOT SCALE
DIMENSIONS IN mm

METRIC

THIRD ANGLE
PROJECTION

NOTES:

- 1 SEE SHEET 1 FOR 216564-1, 6 POS/6 CONTACTS.
- 2 TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm 0,15$
- 3 FOR APPLICATION INFORMATION SEE AMP SPEC. 114-19019.
- 4 FOR PERFORMANCE REQUIREMENTS SEE AMP SPEC. 108-19064



PRINTED CIRCUIT BOARD LAYOUT

[VIEW SHOWN IS CIRCUIT (NONCOMPONENT) SIDE OF BOARD.]

TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm 0,05$.

PRINTED CIRCUIT BOARD THICKNESS: 1,6 mm NOMINAL.

6 POSITIONS/ 4 CONTACTS.		IN CONTACT AREA: 1,2µm MIN. SEL. GOLD OVER 1,2µm MIN. NICKEL		HOUSING: PTB,UL 94-HB COLOR: BLACK		216564-2
		SOLDER FINES: 2,0µm MIN. TIN-LEAD OVER 1,2µm MIN. NICKEL		CONTACTS: PHOSPHOR BRONZE		
REMARKS		FINISH		MATERIAL		PARTNUMBER
-	-	-	-	-	CUSTOMER DRAWING FOR REFERENCE ONLY WILL NOT BE UPDATED © COPYRIGHT 19- BY AMP HOLLAND B.V. ALL INTERNATIONAL RIGHTS RESERVED.AMP PRODUCTS MAY BE COVERED BY U.S. AND FOREIGN AND/OR PATENTS PENDING. THIS DRAWING IS UNPUBLISHED RELEASED FOR PUBLICATION ,19  AMP HOLLAND B.V. 's-Hertogenbosch, The Netherlands.	
-	-	-	-	-		
-	-	-	-	-		
-	-	-	-	-		
-	-	-	-	-		
-	-	-	-	-		
-	-	-	-	-		
-	-	-	-	-		
F	EH-0244-96	MVE	G.C.	15 FEB '96	NAME	MODULAR JACK, 6 POS./4 CONT., TOP ENTRY, WITH PANEL STOPS, FOR PRINTED CIRCUIT BOARD.
LTR.	REVISION RECORD		DR.	CHK.	DATE	
DR.:	P.BEIJNEN	CHK.:	C.STERKEN	APP.:	L.V.SOEST	DWG.No.
DATE:	-	DATE:	-	DATE:	-	C-216564
		REV.LTR.	F	SHEET	2 of 2	A2