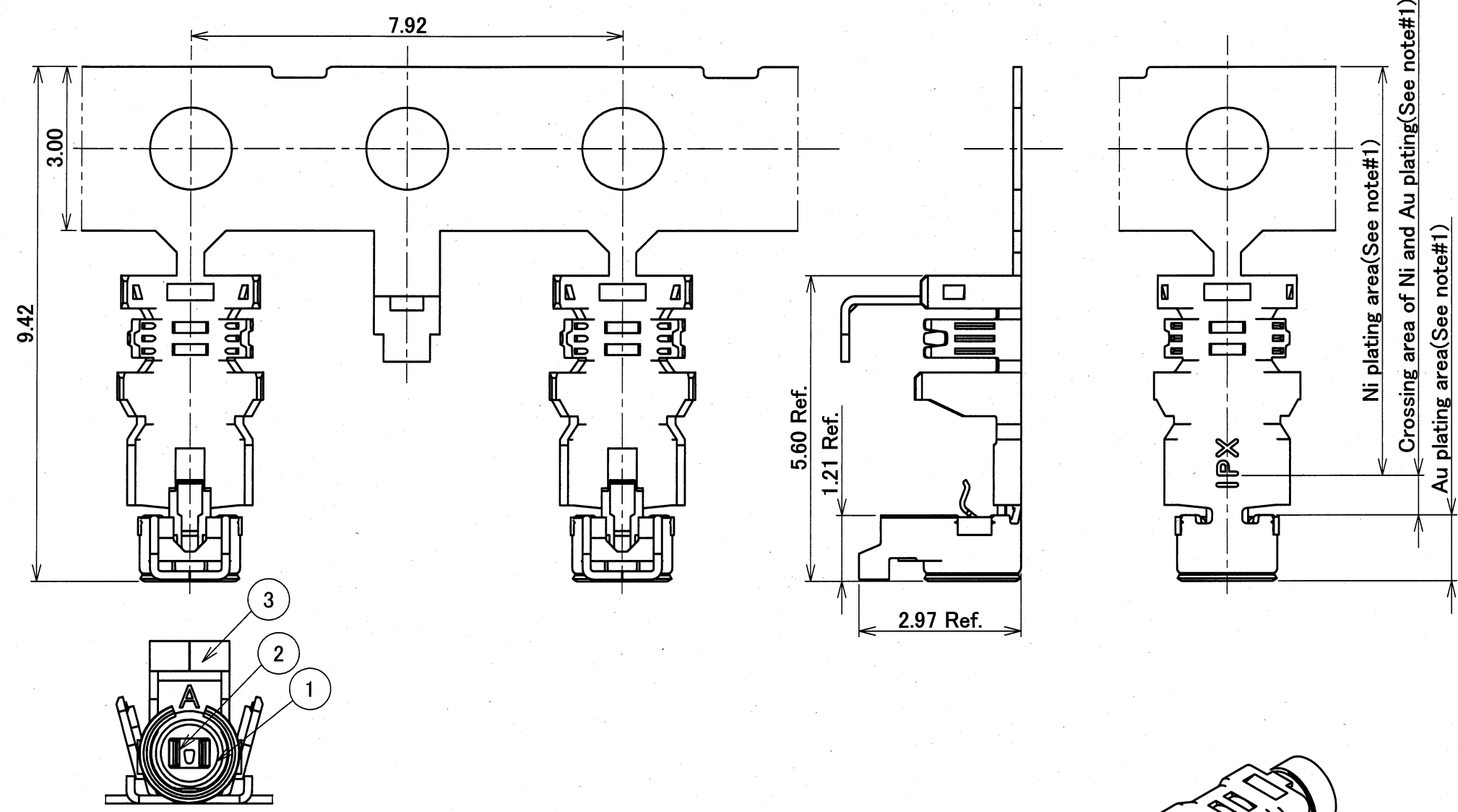
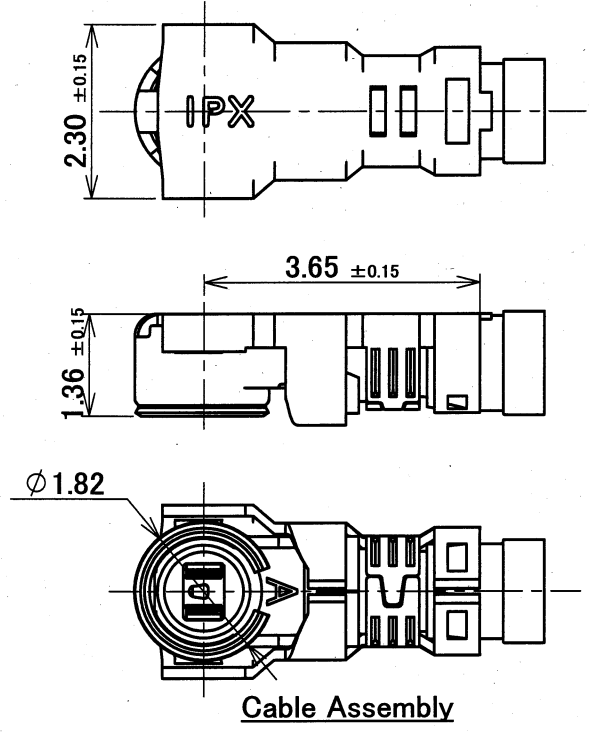
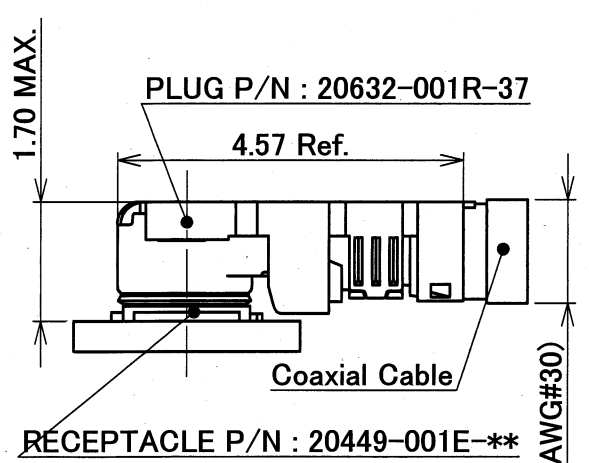
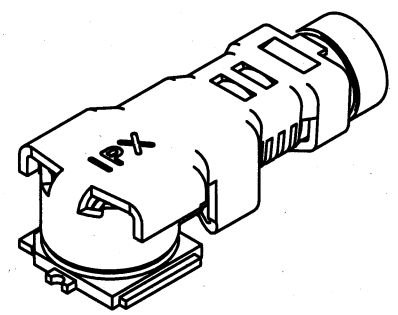


**Recommended P/N 20632-001R-37**

PART No.  
20632-001R-37



- Notes.
- Material and finish(Plating)
    - Housing  
PBT(Black) UL94V-0
    - Contact  
Phosphor bronze : Au over Ni
    - Ground Contact  
Phosphor bronze  
Au plating area : Au over Ni  
Ni plating area : Ni only
  - Packing  
Reel
  - Applicable cable
    - Description  
Inner conductor  
AWG#30(7/0.102)  
Silver plating annealed copper wire  
\*Must not use solder coated inner conductor.  
Dielectric core  
Fluoro-plastics, diameter 0.88(+0.04/-0.02)mm  
nominal thickness 0.29mm  
Outer conductor  
16/5/0.05, nominal diameter 1.13mm Tin-coated  
annealed copper wire.  
\*Must not use solder coated outer conductor  
Jacket  
Fluoro-plastics,diameter 1.37±0.08mm  
nominal thickness 0.12mm
    - Requirements  
Characteristic impedance : 50(±2)ohm by TDR method  
Nominal capacitance : 98pF/m  
Conductor resistance of inner conductor : 320 ohm/km  
Insulation resistance : 1500Mega-ohm. km MIN.  
Dielectric with stance voltage :  
No breakdown at AC1500V for 1 minutes.
    - Applicable connector  
P/N:20449-001E-\*\* MHF4 Receptacle



**Mating Condition**

GENERAL TOLERANCE	
6 MAX.	±0.2
6 OVER MAX. 30	±0.3
30 OVER MAX. 120	±0.5
ANGLE	±2°

∅ 1.37 cable (AWG#30)

DESIGN'D BY	DATE									
S. Suzuki	Feb./23/15									
CHK'D BY	DATE	TITLE								
T. Takano	Feb./24/15	MHF 4L PLUG CONNECTOR								
APP'D BY	DATE	SCALE								
T. Takano	Feb./24/15	10:1								
REV	ECN	BY	DATE	APP	CUSTOMER COPY	PROJECTION	UNIT	DWG. No.	SHEET	REV.
0	Z150197	S.S	Feb./23/15			10:1	mm	20632	1/2	0
REV.RECORD										
SERIES No.					R1					

Part No.	20632-001R-37		
Applicable cable strip dimension			
Braided shield of Outer conductor	single braided shield		
P/N of semi auto termination machine	90703-037		
Crimp Height			
	CH-1(i-Fit Part) : 1.46~1.50	CH-2(Shield Part) : 1.16~1.20	CH-1(Jacket Part) : 1.27~1.31

GENERAL TOLERANCE	
6 MAX.	±0.2
6 OVER MAX. 30	±0.3
30 OVER MAX. 120	±0.5
ANGLE	±2°

					DESIGN'D BY	DATE			
					CHK'D BY	DATE			
					APP'D BY	DATE			
REV	ECN	BY	DATE	APP	<b>CUSTOMER COPY</b>		PROJECTION 	TITLE <b>MHF 4L PLUG CONNECTOR</b>	
REV.RECORD					SCALE	UNIT	DWG. No.	SHEET	REV.
SERIES No.					10:1	mm	20632	2/2	0

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