NOTES:

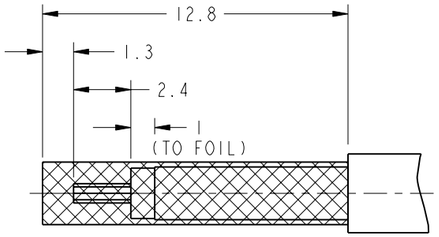
1. MATERIAL AND FINISH:
   BODY - COPPER NICKEL ALLOY, TIN PLATING
   INSULATOR - HIGH TEMP. ENGINEERING PLASTIC, SIGNAL BLUE
   SLEEVE(ON BODY) - BRASS, NICKEL PLATING
   CLIP - PBT, YELLOW
   HOUSING - PBT, SEE TABLE BELOW FOR KEY CODES & COLORS (HOUSING ASSEMBLY: CN: MH99AAAXX NA: 923-10853-X)
   CONTACT PINS ARE SUPPLIED SEPARATELY AS P/N: CN: CP99APD01 NA: 923-10852 (QUANTITY: 5,000 PCS./REEL)
   CRIMPING SLEEVES ARE SUPPLIED SEPARATELY AS P/N: CN: SL99ABF01 NA: 923-10829 (QUANTITY: 2,500 PCS./REEL)
   BODY SUB-ASSEMBLY ARE SUPPLIED SEPARATELY AS P/N: CN: MFK6121A1-003-AT5G-50 NA:923-10827
   (QUANTITY: 5,000 PCS/REEL)

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM, NOMINAL
   B. FREQUENCY RANGE: DC-15 GHz
   C. VSWR(RETURN LOSS): 1.12 (-25dB) MAX. @ DC TO 3 GHz
      1.22 (-20dB) MAX. @ 3 GHz TO 6 GHz
      1.43 (-15dB) MAX. @ 6 GHz TO 12 GHz
      1.67 (-12dB) MAX. @ 12 GHz TO 15 GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.

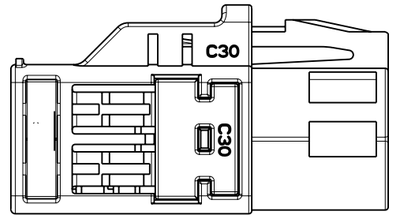
3. MECHANICAL:
   A. DURABILITY: 25 CYCLES MIN.
   B. TEMPERATURE RANGE: -40° C TO +105° C

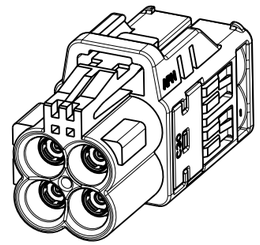
4. SEE 349-50951 FOR CABLE ASSEMBLY INSTRUCTIONS.

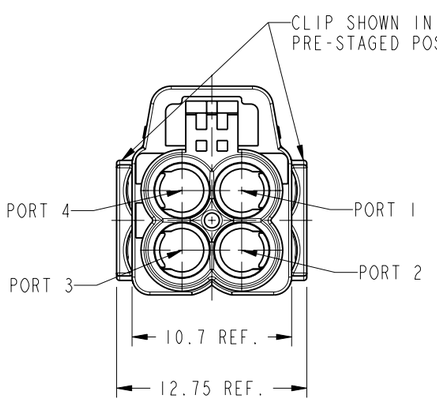
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	09-Dec-20	15447	KCE
B	SYNC WITH NA	20-Jan-22	15649	SH

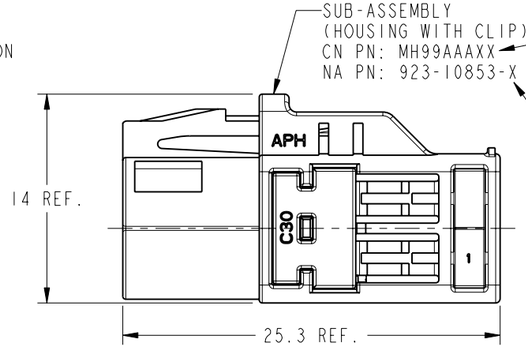


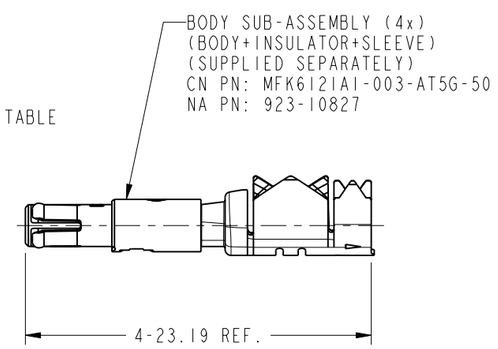
SCALE 4.000
RECOMMENDED CABLE
STRIPPING DIMENSIONS

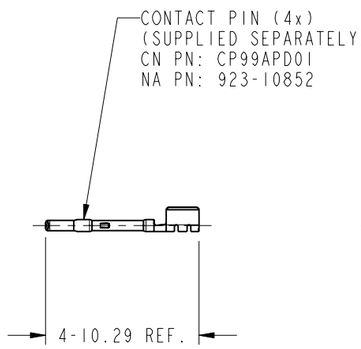


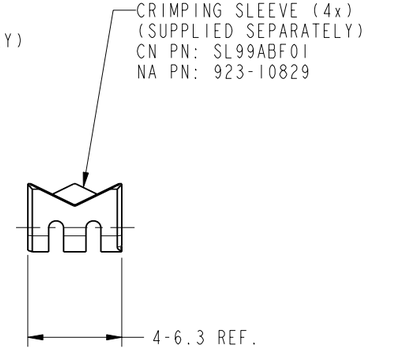












CODING	DRAWING NO.	PART NO.	HOUSING WITH CLIP CN PN / NA PN	COLOR OF HOUSING	RAL NO.
A	MFK0121AW-001-AT5G-50	FM4-NASJ-C30W0	MH99AAA01 / 923-10853-A	JET BLACK	9005
B	MFK0121BW-001-AT5G-50	FM4-NBSJ-C30W0	MH99AAA02 / 923-10853-B	CREAM	9001
C	MFK0121CW-001-AT5G-50	FM4-NCSJ-C30W0	MH99AAA03 / 923-10853-C	SIGNAL BLUE	5005
D	MFK0121DW-001-AT5G-50	FM4-NDSJ-C30W0	MH99AAA04 / 923-10853-D	CLARET VIOLET	4004
E	MFK0121EW-001-AT5G-50	FM4-NESJ-C30W0	MH99AAA05 / 923-10853-E	LEAF GREEN	6002
F	MFK0121FW-001-AT5G-50	FM4-NFSJ-C30W0	MH99AAA06 / 923-10853-F	NUT BROWN	8011
Z	MFK0121ZW-001-AT5G-50	FM4-NZSJ-C30W0	MH99AAA07 / 923-10853-Z	WATER BLUE	5021

CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT PPAP QUALIFIED CUSTOMER APPROVAL

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE

EAR# 7949

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:
<0.5mm = ±0.05mm [<0.020 = ±0.002]
>0.5 - 6mm = ±0.1mm [>0.020 - 0.236 = ±0.004]
>6.00 - 30mm = ±0.2mm [>0.236 - 1.181 = ±0.008]
>30.00 - 120mm = ±0.3mm [>1.181 - 4.725 = ±0.012]
ANGLES = ±1°

MATERIAL

ENGR.1 TANGOR.DENG ENGR.2 DATE 09-Apr-21

TITLE
AutoMate, Type A
MINI FAKRA CRIMP JACK
QUAD, FOR TFC 302LL

SHEET NO. 2 OF 2 SCALE: 2.5:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	MFK0121XX-001-AT5G-50	B
	ITEM NO. MK0121AAX36DT5F	
	PART NO. FM4-NXSJ-C30W0	