NOTES:
1. MATERIALS AND FINISHES (MICRO-INCHES):
   - BODY: ZINC DYECAST (7AMAK-93 PER ASTM-B86) NICKEL PL. (150 MIN/200MAX).
   - THICK OVER COPPER PL. (100 MIN/200MAX) THICK.
   - MALE CONTACT: PHOSPHOR BRONZE I PER ASTM-B-103 0.2 MIK THICK.
   - GOLD PL. 30 MIN THICK OVER NICKEL 80 MIN.
   - INSULATOR: PTFE PER D1710, COLOR: NATURAL.
   - FERRULE HOUSING: NYLON 46, 15% GLASS FILLED, PER RKF, AKRON RED A GRADE.
   - ASG74 COLOR PER AMPHON rf SPEC. 349-5074.
   - (REFER TO TABLE BELOW FOR KEY CODE)
   - FERRULE: SEAMLESS COPPER TUBING, ALLOY 122 (DHP), aSTM-B75 HARD.
   - DRAWN TO ROSENBERG 58-77 ON 30 TT SCALE, NICKEL PL. 100 MIN THICK.
   - OVER COPPER 20 MIN.

2. ELECTRICAL:
   - A. IMPEDANCE: 50 OHM, NOMINAL.
   - B. FREQUENCY RANGE: DC-4.0GHz.

3. MECHANICAL:
   - A. DURABILITY: 50 CYCLES MIN.
   - B. TEMPERATURE RANGE: -65° C TO 165° C.

4. PACKAGING:
   - A. QUANTITY: TRAY PACK.
   - B. MARKING: TRAY TO BE MARKED.
     "AMPHON, 2FAI-NXSP-C0451, AND DATE CODE.

5. CRIMPED FERRULE, HEX CRIMP SIZE 2.13".
   - CRIMP CONTACT ONTO CABLE PER 349-5074.

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
0.5 - 5.0mm 5.0 - 12.0mm 12.0 - 20.0mm
0.2mm 0.5mm 1.0mm 2.0mm

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TITL:
FAKRA (GEN II) PLUG,
C04 CABLE GROUP WITH
STAMPED CONTACT

REFERENCE:
CAD #1425
AND
CONFIGURATION LEVEL:
FINISH

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FAKRA (GEN II) PLUG,
C04 CABLE GROUP WITH
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DRAWING NO.
2FAI-NXSP-C0451

ITEM NO.
2FAI-NXSP-C0451

PART NO.
2FAI-NXSP-C0451

Amphenol RF

Dunbar CT USA, Teine, Taiwai, Shereke, China
www.amphenolrf.com

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