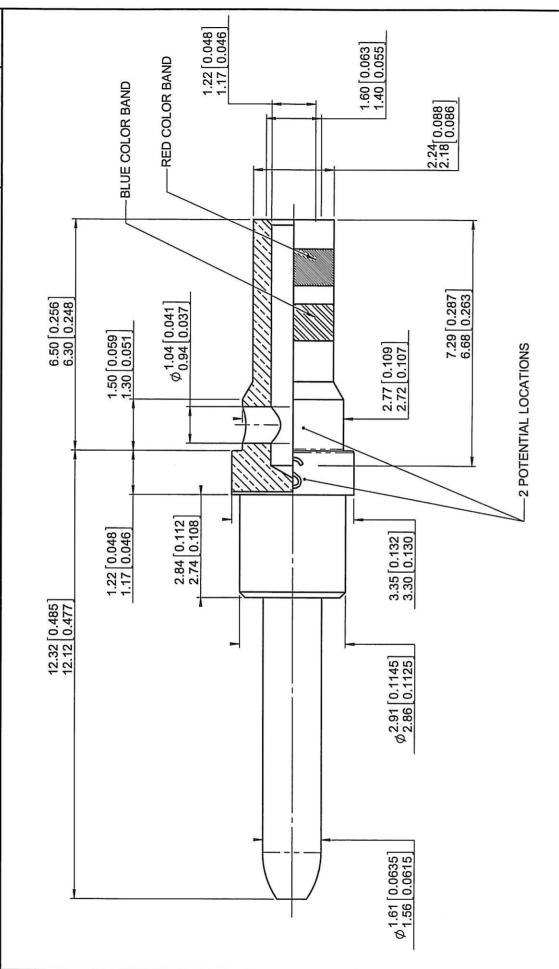
Series FPX

SIZE 16 CRIMP PIN CONTACT WITH SIZE 20 REDUCCED BARREL



MATERIAL: COPPER ALLOY (C97) HARDNESS IN KNOOP 120 MAX (107 HV) FOR CRIMP BARREL

FINISH: GOLD PER MIL-G-45204 TYPE I OR II GRADE C OR D CLASS 1 50 MICROINCHES OVER NICKEL PLATE PER QQ-N-290

WIRES ACCOMODATED: AWG 20-22-24 INSULATOR DIAMETER: 2.60 MAX (0.103) STRIP LENGHT: 6 (0.236)

TENSILE REQUIREMENTS USING MIL SPEC TOOLING AND WIRE SPEC 20 GA. 9daN (20 LBS) CRIMP CONTACT T MIL-W-81381/12 MIL-W-22759/41 M22520/1-01

CRIMPED CONTACTS WILL SHOW NO CRACK WHEN INSPECTED PER MIL-C-22520 AT 10X

RADIALL TOOLING RECOMMENDATION
CRIMPING TOOL: M22520/1-01 (RADIALL 282 291)
SELECTOR POSITION: 5 FOR AWG 20
5 FOR AWG 22
4 FOR AWG 24
POSITIONER: M22520/1-02 (RADIALL 282 972)

INSERTION/EXTRACTION TOOL: M81969/14-03 (RADIALL P/N: 282 515)

Electrical characteristics: Max current Amps : 7.5A for AWG20 wire 5A for AWG22 wire 3A for AWG24 wire

Note: When smaller wire sizes are used on contacts with reduced crimp barrel, the wire won't provide sealing to the grommet. If sealing is required, please contact Radiall.

DIMENSIONS: mm (inch are given for information only)

CREATION

PEN:

<del>П</del>

Estimated weight: 0.60 g

Verneau Arnault F Pailot N Chevreau Lebocq flcation of cable diameter max; add max current iwn and dimensions modiffed and ins/ext tool updated Red color band added (drawing mistake) updated from the detail drawing 2 potential locations added Oct 19, 11 Jan 25, 08 Jun 27, 01 Apr 16, 98

> NOM: VALGRESY DATE: 03 Apr 98 APPR.: 4112 9311

617241EN

Gief L Approved

Valgresy B

Ø0.109/0.107 was Ø0.109/0.106

Apr 20, 98

Material changed

Apr 27, 98

Giet L

Arnault F

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