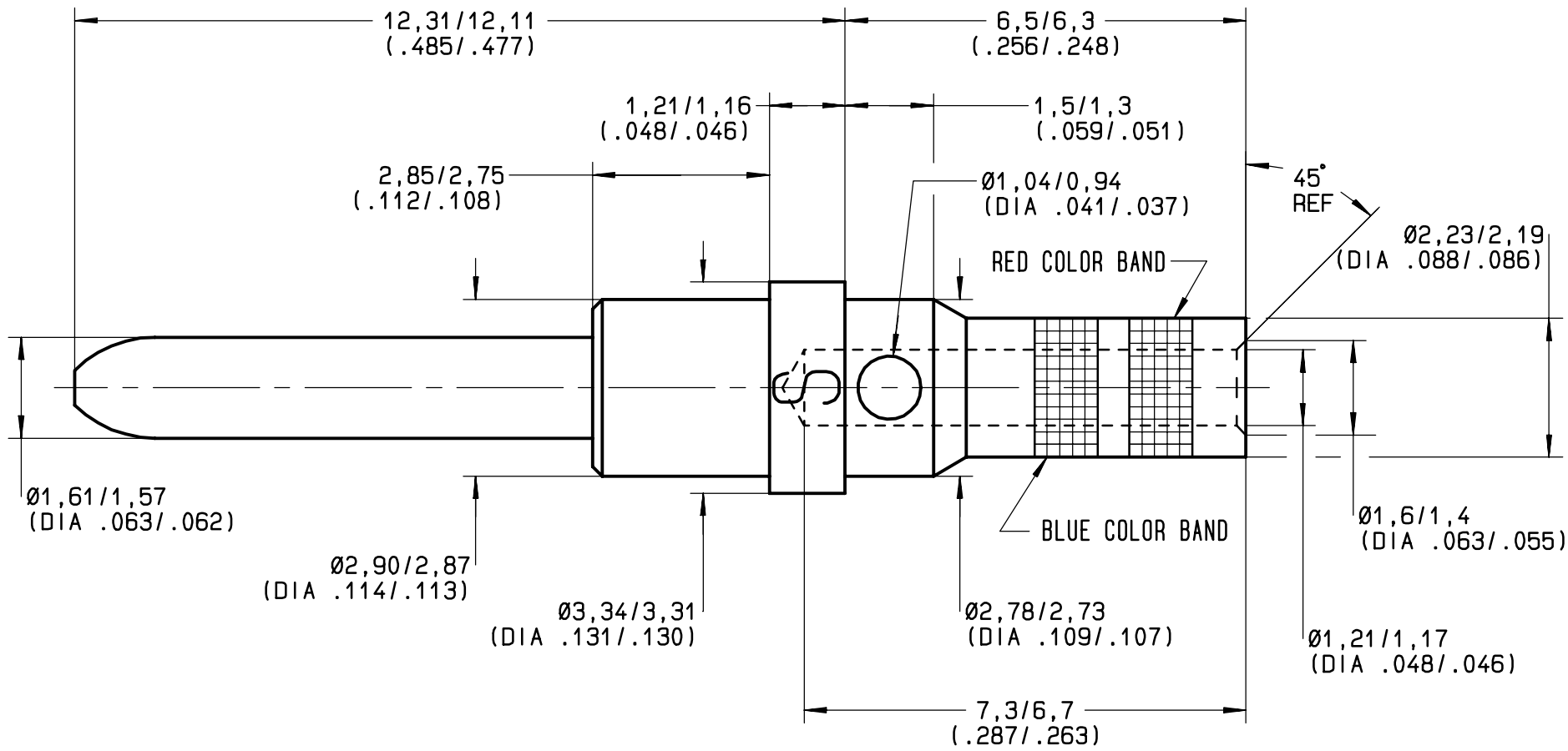
RADIALL® MULTICONTACT CONNECTORS	TECHNICAL DATA SHEET	617 241

Series		Issue:	Page
EPX	SIZE 16 CRIMP PIN CONTACT SIZE 20 REDUCED CRIMP BARREL	Feb 19 1999	1 / 1



MATERIAL:COPPER ALLOY 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:.071 MAX (1,80)
STRIP LENGTH:.236 (6)

CRIMP CONTACT TENSILE REQUIREMENTS USING MIL SPEC TOOLING AND WIRE SPEC
MIL-W-81381/12 20 GA. 20 LBS (9 daN)
MIL-W-22759/41 20 GA. 20 LBS (9 daN)
M22520/1-01 20 GA. 20 LBS (9 daN)
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:M81969/1-03 (RADIALL 282 546)
SPL RADIALL INS. 282 929

CREATION	Issue	Revisions	Name	Approved
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PEN: .	.	ADDED RED COLOR BAND (DRAWING MISTAKE)	.	.
	Feb 19 99	UPDATED FROM THE DETAIL DRAWING	ARNAULT	.
NOM: VALGRESY	27 APR 98	CHANGED MATERIAL	ARNAULT	L GIET
DATE: 03 APR 98	20 APR 98	DIA .109/.107 WAS DIA .109/.106	VALGRESY	L GIET
APPR.:	16 APR 98	DIA .088/.086 WAS DIA .088/.085	VALGRESY	LGIET

This information is given as an indication.In the continual goal to improve our products,we reserve the right to make any modifications judged necessary.