



RADIALL[®]
MULTICONTACT CONNECTORS

TECHNICAL DATA SHEET

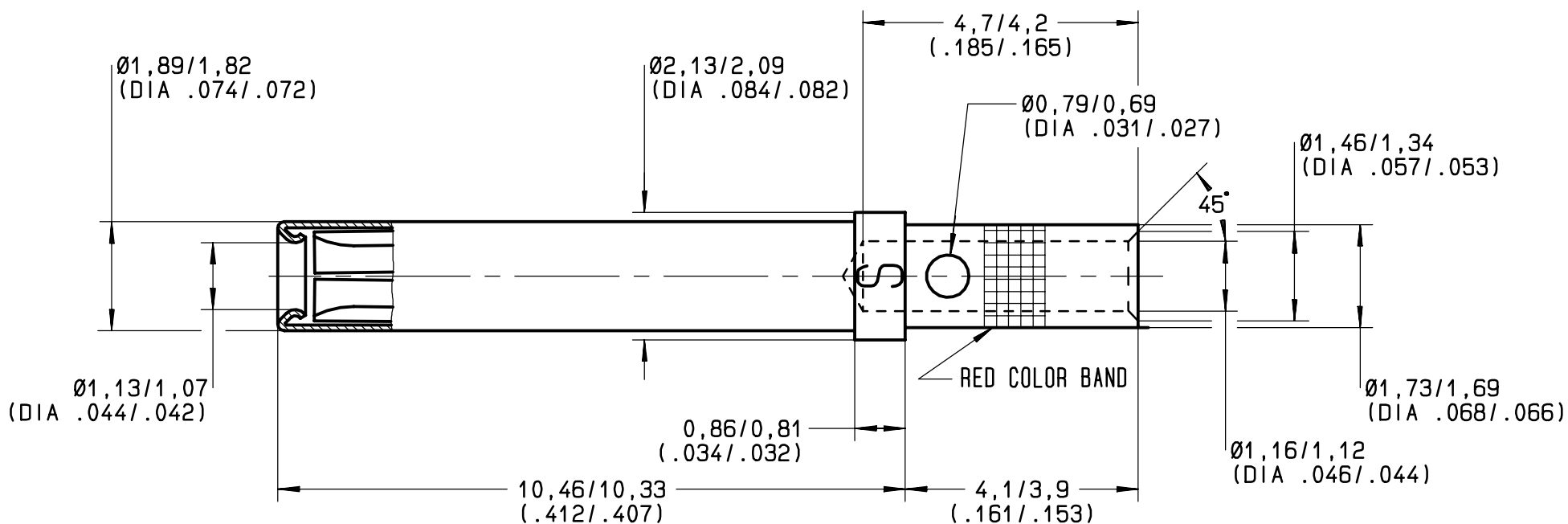
617 320

Series
EPX

SIZE 20 CRIMP SOCKET CONTACT

Issue:
30 SEP 98

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MATERIAL:

BODY: BERYLLIUM COPPER ALLOY 1/2 HARD HARDNESS IN KNOOP 140 MAX (126 HV) FOR CRIMP BARREL
200 MIN (184 HV) FOR BEYOND SHOULDER

SLEEVE: STAINLESS STEEL PER AISI 305

FINISH:

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

WIRES ACCOMMODATED: AWG 20-22-24

INSULATOR DIAMETER: .071 MAX (1,80)

STRIP LENGTH: .158 (4)

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)

M22520/2-01 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: M22520/2-01 (RADIALL 282 281)

SELECTOR POSITION: 7 FOR AWG 20

6 FOR AWG 22

5 FOR AWG 24

POSITIONER: M22520/2-08 (RADIALL 282 971)

INSERTION/EXTRACTION TOOL: M81969/1-02 (RADIALL 282 886)

SPL RADIALL INS. 282 881 / EXT. 282 891

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.

4112-9311

Issue	Revisions	Name	Approved
30 SEP 98	SYNTAX ERROR: CRACK WAS CREAK; UPDATED FINISH CHANGED S LOCATION; Ø0,79/0,69 WAS 0,8/0,7 1,89(.074) WAS 1,84(.072); 10,46(.412) WAS 10,47(.413)	L.GARCIA	
06 JUL 98	UPDATED FROM THE DETAIL DRAWINGS	ARNAULT	O.VERNEAU
16 APR 98	ADDED DIA .044/.042	VALGRESY	L GIET
31 MAR 98	REDRAWN	VALGRESY	L GIET

A617320