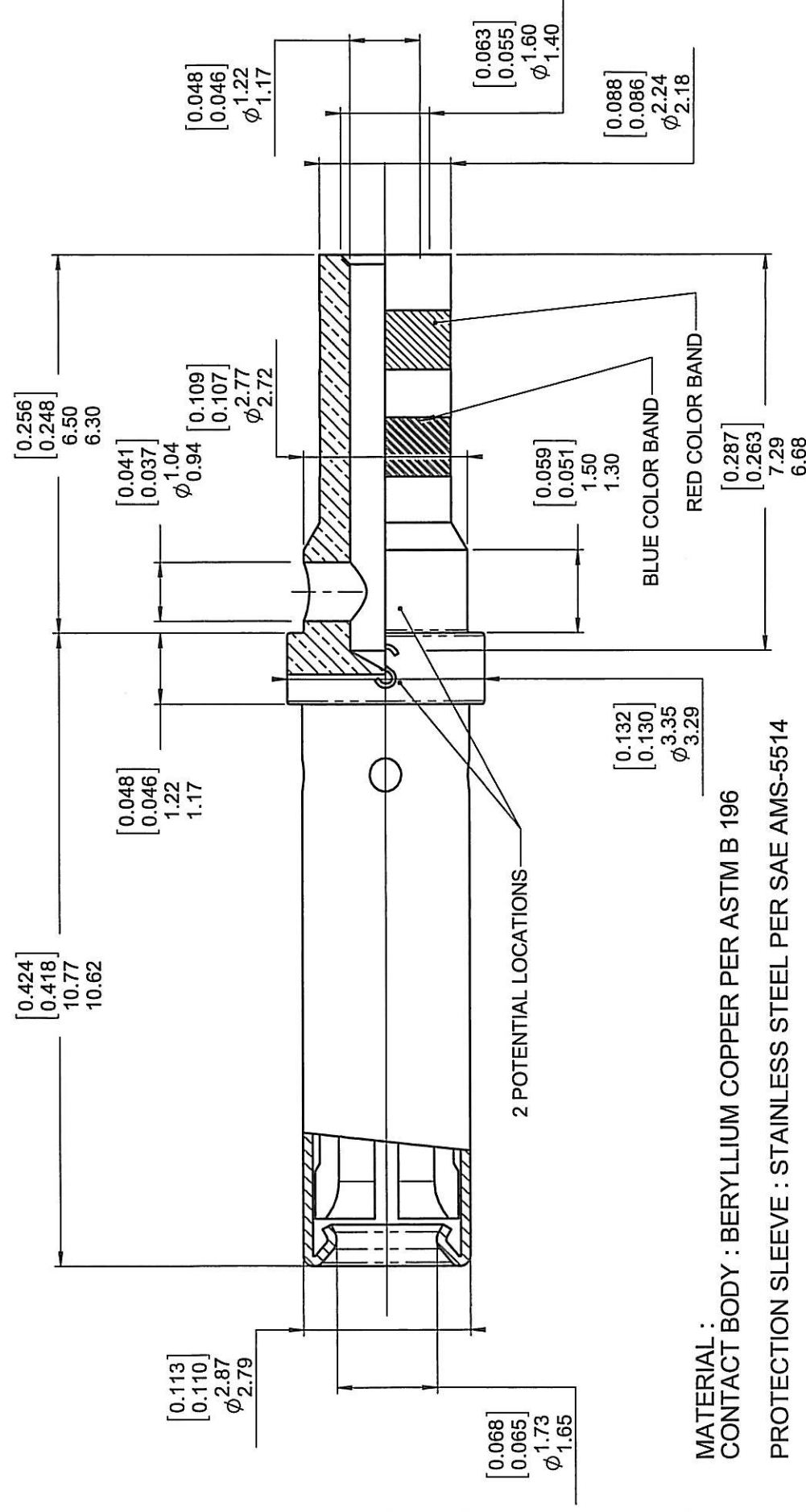


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4112-9311



MATERIAL:

MATERIAL :
CONTACT BODY : BERYLLIUM COPPER PER ASTM B 196

PROTECTION SLEEVE: STAINLESS STEEL PER SAE AMS-5514

FINISH :

CONTACT BODY : PLATING .00005 INCH OF GOLD PER SAE AMS-2422 OVER NICKEL PER SAE AMS-QQ-N-290

PROTECTIVE SLEEVE : PASSIVATED PER SAE AMS-QQ-P-35

WIRES ACCOMMODATED : AWG 20-22-24

INSULATOR DIAMETER : 2.60 MAX (0.103)

STRIP LENGTH : 6 (0.236)

CRIMP CONTACT TENSILE REQUIREMENTS USING MIL SPEC TOOLING AND WIRE SPEC

MIL-W-81381/12 20 GA. 20 LBS (9daN)

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

RADIAL TOOLING RECOMMENDATION

CRIMPING TOOL : M22520/1-01 (RADIAL 282 291)

SELECTOR POSITION : 5 FOR AWG 20

5 FOR AWG 22

4 FOR AWG 24

POSITIONER : M22520/1-02 (RADIAL 282 972)

INSERTION/EXTRACTION TOOL : M81969/14-03 (RADIAL 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)



Estimated weight : 0.60 g

CREATION	Oct 19, 11	Modification of cable diameter max; add max current	Lebocq	Legloah hec y
	May 4, 09	Title, release description updated. Red color band added (drawing mistake)	Pallot N	Legloahhec y
	Jan 25, 08	Redrawn and dimensions modified and ins/ext tool updated	Pallot N	Pessard M.
	Jun 27, 01	Note "2 potential locations" added	Chevreau G	Motteau G
	Feb 19, 99	Red color band added (drawing mistake) updated from the detail drawing	Arnault F	Verneau
	Apr 20, 98	Ø0.109/0.107 was Ø0.109/0.106	Valgresy B	Giet L
	Apr 16 98	Ø0.068/0.065 added , Ø 0.088/0.086 was Ø0.088/0.085	Valgresy B	Giet L
	Issue	Revisions	Name	Approved
PEN: .				
NOM: VALGRESY B				
DATE: Apr 03, 98				
APPR.: GIET L.				

617341EN

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