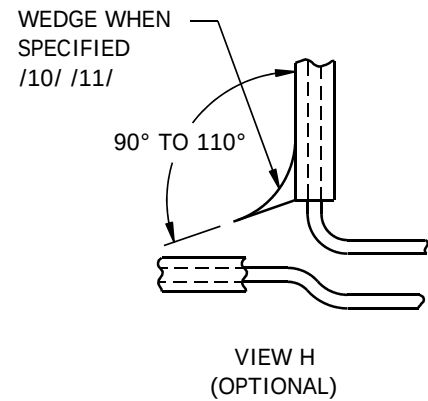
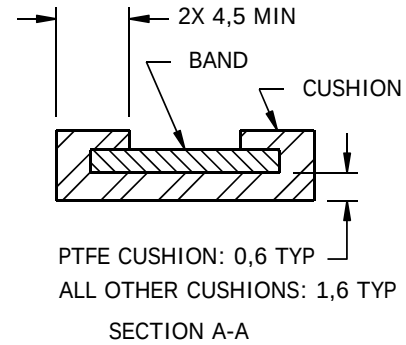
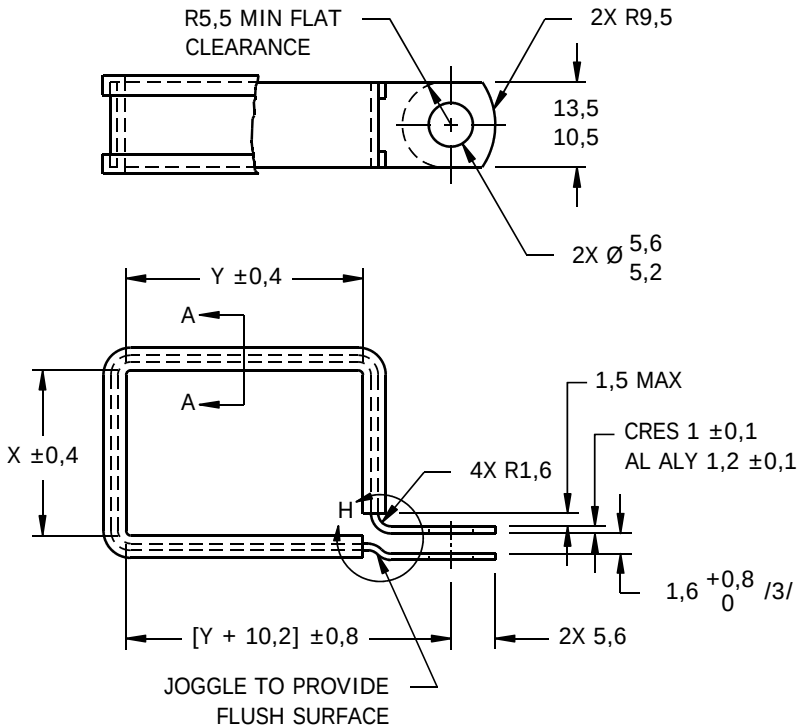


FED. SUPPLY CLASS

5340



MATERIAL:

BAND: ALUMINUM ALLOY - 2024-O (UNS A82024) PER AMS-QQ-A-250/5 HEAT TREATED TO T42 CONDITION PER AMS2770 OR AMS2772, AS APPLICABLE.
CRES - 302 (UNS S30200) PER MIL-S-5059 AMS5516 OR 321 (UNS S32100) PER AMS 5510.

CUSHION: CHLOROPRENE RUBBER, 60-75 DUROMETER "A", PER AMS3209 AND PROCUREMENT SPECIFICATION.
SILICONE RUBBER, 55-65 DUROMETER "A", PER AMS3303.
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D1457 ASTM D4894, TYPE I.
FLUOROSILICONE RUBBER PER MIL-DTL-25988.
NITRILE RUBBER, 65-75 DUROMETER "A", PER AMS3215 AND PROCUREMENT SPECIFICATION.
ETHYLENE PROPYLENE PER PROCUREMENT SPECIFICATION.

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES DS14290. PART NUMBERS REMAIN DS14290.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION MIL-C-8603	TITLE CLAMP, LOOP, CUSHIONED, RECTANGULAR, METRIC	CLASSIFICATION PART STANDARD NAM14290 SHEET 1 OF 4

FINISH:

ALUMINUM: CHEMICAL FILM PER MIL-DTL-5541, CLASS 1A.
CRES: CLEAN, DESCALE, AND PASSIVATE PER ASTM A380.

SURFACE TREATMENT:

CUSHIONS FABRICATED FROM PTFE SHALL BE SODIUM TREATED PER THE SURFACE TREATMENT PARAGRAPHS OF AMS2491 TO REDUCE THE MATERIALS LUBRICITY. ALL OTHER PARAGRAPHS OF AMS2491 SHALL NOT APPLY.

CUSHION SELECTION GUIDE:

CHLOROPRENE - RECOMMENDED FOR GENERAL PURPOSE USE IN AREAS CONTAMINATED WITH PETROLEUM BASE HYDRAULIC FLUID AND OCCASIONAL FUEL SPLASH. EXCELLENT OZONE RESISTANCE. NOT RESISTANT TO PHOSPHATE ESTER BASED FLUIDS. NOT FOR USE WITH TITANIUM TUBING. COLOR SHALL BE BLACK WITH A BLUE IDENTIFIER PER PROCUREMENT SPECIFICATION.

SILICONE - RECOMMENDED FOR USE AT ELEVATED TEMPERATURE IN PHOSPHATE ESTER BASED FLUID AND OTHER SYNTHETIC FLUID CONTAMINATED AREAS. EXCELLENT OZONE RESISTANCE. NOT RESISTANT TO PETROLEUM BASED FLUIDS. COLOR SHALL BE SOLID (PIGMENTED) WHITE.

POLYTETRAFLUOROETHYLENE (PTFE) - RECOMMENDED FOR USE AT ELEVATED TEMPERATURES IN HYDROCARBON FUEL CONTAMINATED AREAS. ALSO RECOMMENDED FOR USE IN AREAS CONTAMINATED WITH PHOSPHATE TYPE HYDRAULIC FLUIDS AND OTHER SYNTHETIC LUBRICANTS. EXCELLENT OZONE RESISTANCE. COLOR SHALL BE SOLID BROWN.

FLUOROSILICONE - RECOMMENDED FOR USE AT ELEVATED TEMPERATURES IN PETROLEUM BASED FLUID CONTAMINATED AREAS. EXCELLENT OZONE RESISTANCE. NOT RESISTANT TO PHOSPHATE ESTER BASED FLUIDS. COLOR SHALL BE SOLID BLUE.

NITRILE - RECOMMENDED FOR USE PRIMARILY IN FUEL IMMERSION AND FUEL VAPORS. GOOD OZONE RESISTANCE. NOT RESISTANT TO PHOSPHATE ESTER BASED FLUIDS. NOT FOR USE WITH TITANIUM TUBING. COLOR SHALL BE SOLID YELLOW.

ETHYLENE PROPYLENE - RECOMMENDED FOR USE IN AREAS CONTAMINATED WITH PHOSPHATE ESTER HYDRAULIC FLUID AND OTHER SYNTHETIC FLUIDS. EXCELLENT OZONE RESISTANCE. NOT RESISTANT TO PETROLEUM BASED FLUIDS. COLOR SHALL BE SOLID PURPLE.

① COMPLETELY REVISED

REVISION

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NAM14290

SHEET 2