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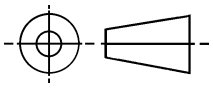

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PREPARED BY SAE SUBCOMMITTEE AE-8C1

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AS39029/57
SHEET 1 OF 6

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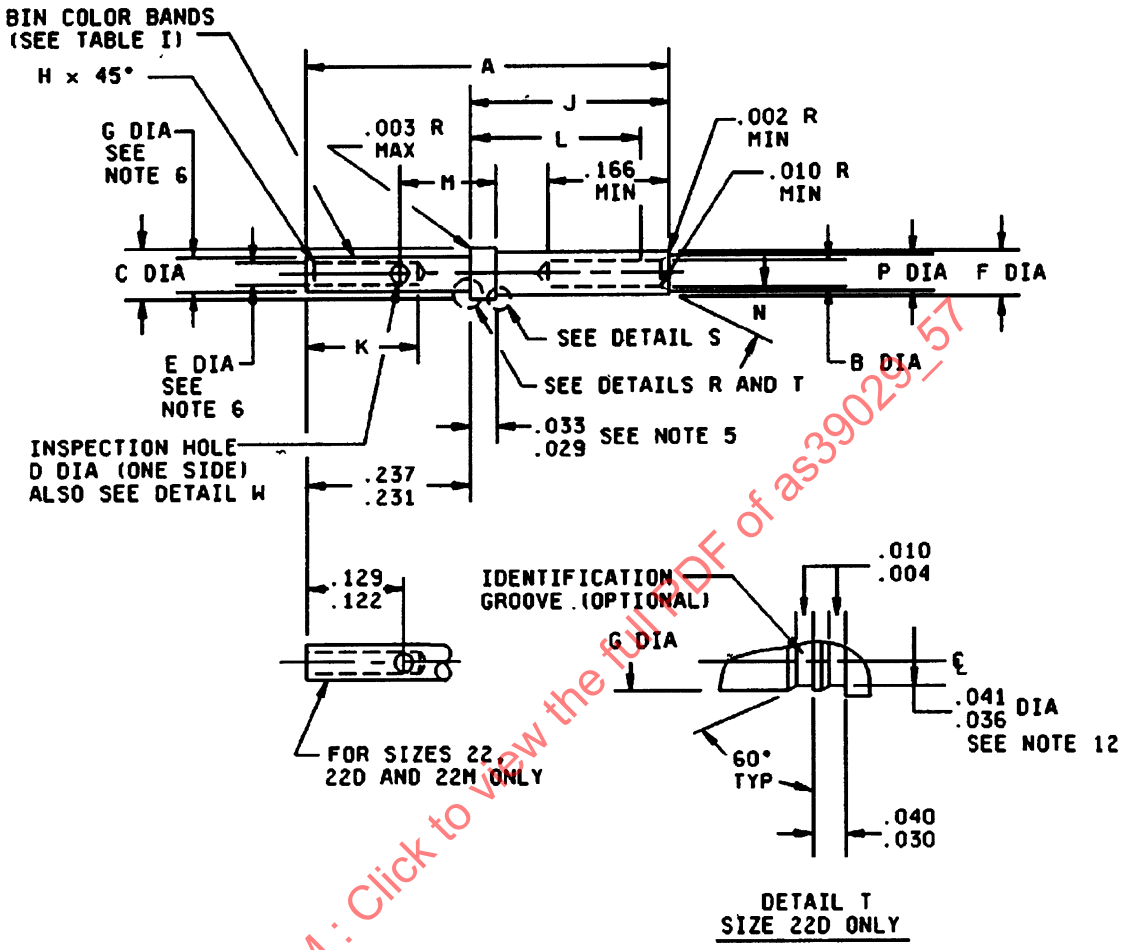
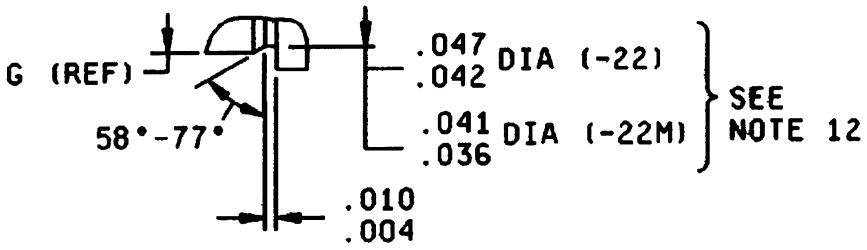
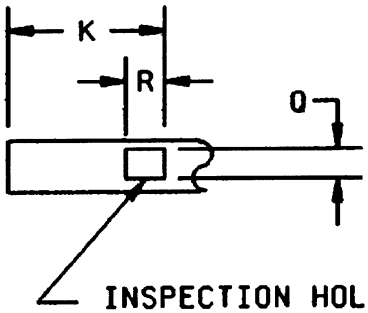


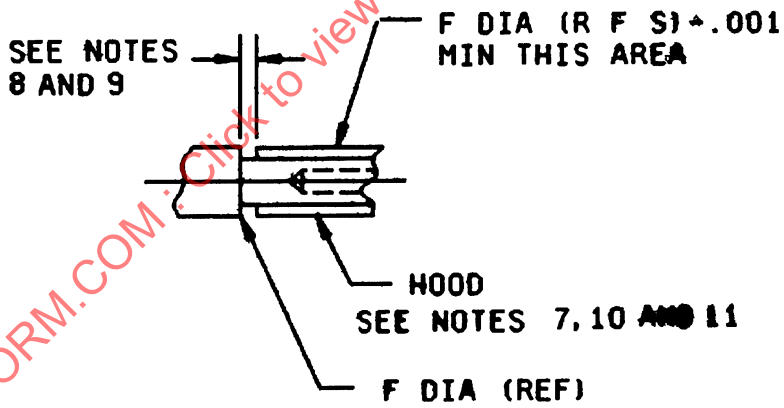
FIGURE 1. CONNECTOR CONTACT.



DETAIL R
SIZES 22, 22M ONLY



DETAIL W
(OPTIONAL DESIGN)



DETAIL S (ALL SIZES)

FIGURE 1. CONNECTOR CONTACT - CONTINUED.

BIN code	A (REF)	B dia (min)	C dia	D dia	E dia	F dia (max)	G dia	H	J	K min	L min (note 4)	M	N°	P dia (min)	Q	R
354	.518	.031	.062 .060	.022 .018	.0355 .0335	.062	.048 .046	.005 .003	.289 .279	.141	.248	---	50° 44°	.047	.022 .018	.046 .018
355 (note 2)		.031	.062 .060	.022 .018	.029 .027	.062	.046 .044	.005 .003		.141		---	50° 44°	.047		
356 (note 2)		.031	.071 .069	.022 .018	.0375 .0355	.062	.052 .050	.005 .003		.141		---	50° 44°	.047		
357		.0415	.094 .091	.032 .026	.048 .046	.078	.070 .068	.010 .005		.209		.078 .072	47° 28°	.053	.032 .026	.063 .026
358		.064	.130 .127	.042 .036	.068 .066	.113	.103 .101	.010 .005		.209		.088 .082	47° 28°	.084	.042 .030	.073 .036
359		.0955	.182 .179	.042 .036	.102 .098	.161	.151 .148	.016 .005		.209		.088 .082	47° 28°	.118	.042 .030	.073 .036

NOTES:
1. Dimensions are in inches.
2. Inactive for new design.
3. Dimensions shown apply after plating.
4. Point at which a square ended pin of the same basic diameter as the mating contact first engages the socket contact spring.
5. Indicated dimensions does not apply for -354 and -355.
6. For -354 only, diameters E and G to be concentric within .003 (TIR) regardless of feature size (RFS); for all other contact sizes, diameters E and G to be concentric within .001 (TIR) at maximum material condition (MMC).
7. The mechanical pressure member shall be shrouded. Hoods, if used, shall conform to the requirements specified herein.
8. Maximum gap of .010 inch between hood and body of contact (expect 22D and 22M contact).
9. Maximum gap of .006 inch for 22D and 22M contact.
10. Hoods shall not exceed contact body diameter regardless of feature size (RFS) in attachment area.
11. Optional design may have a full length corrosion resistant steel hood.
12. Concentric to G dia within .003 TIR (RFS).

FIGURE 1. CONNECTOR CONTACT - CONTINUED.