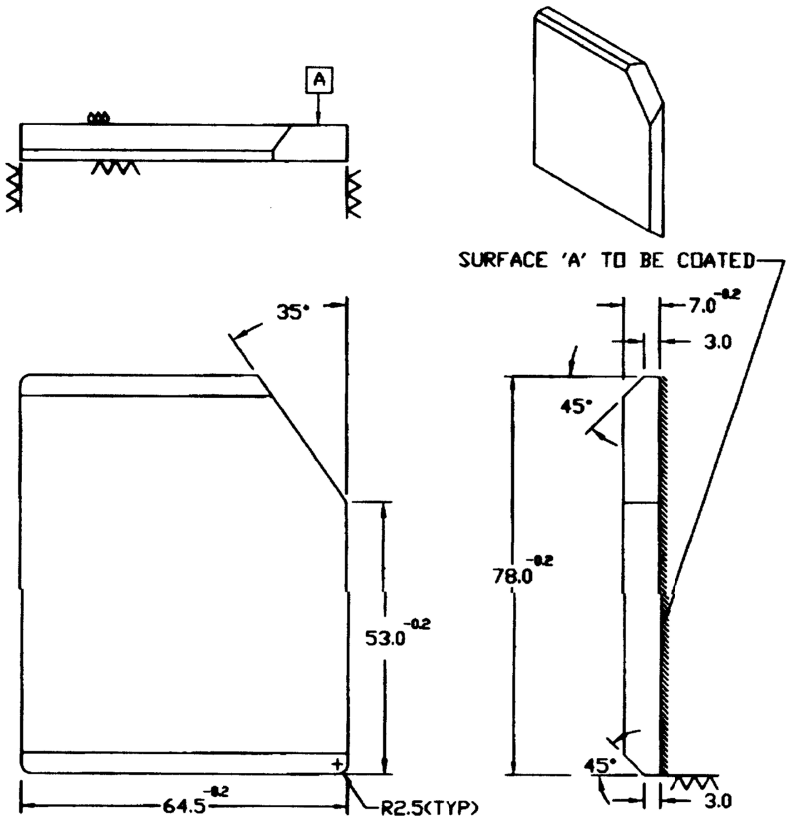

SUBSTRATE	: BK7 GLASS
SURFACE FLATNESS (PV)	: λ/2 AT 632.8 nm
SURFACE QUALITY	: 60/40
CLEAR APPERATURE	: 80%
PARALLELISM	: < 3 MINUTES OF AN ARC
CHAMFER	: NOMINAL CHAMFERING ON EDGES
Ⓐ COATING	: PROTECTIVE GOLD COATING (3.6–4.9 μ) ON SURFACE 'A'. SPECIFICATION OF THE PROTECTED GOLD COATING. MODERATE ABRASION AS PER MIL–C–48497A 4.5.3.3 ADHESION AS PER MIL–C–48497A 4.5.3.1 HUMIDITY AS PER MIL–C–48497A 4.5.3.2 TEMPERATURE AS PER MIL–C–48497A 4.5.4.1 SOLUBILITY AND CLEANABILITY AS PER MIL–C–48497A 4.5.4.2 AVERAGE REFLECTANCE (3.6–4.9 μm) ≥ 95% AT 45° INCIDENT ANGLE (1.0 mm FROM EDGES MAY REMAIN UNCOATED)

VETTED
(A.K.GUPTA)
Sc. E, IRDE

POLISHED FINE ◇◇◇ | GROUND FINE ⩛ | A.R. COATING ⊗

MATERIAL : AS ABOVE
FINISH : : AS ABOVE

	NAME & SIG.	DATE
DRAWN BY	K S RANA	
CHECKED BY	KANCHAN CHANDRA	
CHECKED BY	RAMABIR HANDAL	
APPROVED BY	P K SHARMA	
BASED ON		
USED ON		

SYMBOL	ZONE	ISSUE	AUTH.	DATE
Ⓐ	COATINGS	1		14/10/19

ALL DIMENSIONS ARE IN mm.

TITLE:
HEAD MIRROR (THERMAL)

INSTRUMENTS RESEARCH & DEVELOPMENT ESTABLISHMENT, DEHRA DUN

DRG. NO. 0967 02 00 00 00 070

SCALE NTS | SHT | OF